National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING AND TECHNOLOGY (CIPET), DCRUST CAMPUS, 50TH MILE STONE, NH-1, MURTHAL, SONIPAT, HARYANA, INDIA

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- PLASTIC & RESINS	Meter Box	Self Extinguishing Properties	IS 4249
2	CHEMICAL- PLASTIC & RESINS	HDPE Fittings	Carbon Black Content	IS 2530(Clause 10.0)
3	CHEMICAL- PLASTIC & RESINS	HDPE Fittings	Carbon Black Dispersion	IS 2530 (Clause 16.0)
4	CHEMICAL- PLASTIC & RESINS	HDPE Fittings	Density	IS 13360 (Part 3/Sec 10)
5	CHEMICAL- PLASTIC & RESINS	HDPE Fittings	Melt Flow Rate	IS 2530 (Clause 7)
6	CHEMICAL- PLASTIC & RESINS	HDPE Pipe	carbon Black dispersion	IS 2530 (Clause 16.0)
7	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene Films	Carbon Black Content	IS 2530 (Clause 10)
8	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene Films	Carbon Black Dispersion	IS 2530 (Clause 16.0)
9	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene Films	Density	IS:13360 (Part 3/See 1)
10	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene Films	Melt Flow Rate	IS 2530 (Clause 7.0)
11	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene Pipes for Sewerage	Base Density	IS 2530 (Clause 5)
12	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene Pipes for Sewerage	Carbon Black Content	IS 2530 (Clause 10)
13	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene Pipes for Sewerage	Carbon Black Dispersion	IS 2530 (Clause 16)
14	CHEMICAL- PLASTIC & RESINS	Injection Moulded PVC Socket fittings with Solvent Cement joints for Water Supplies	Effect on Water	IS 7834 Part 1 (Annex C)
15	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment - Polyethylene Pipes for Irrigation Laterals	Carbon Black Content	IS 2530(Clause 10.0)
16	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment - Polyethylene Pipes for Irrigation Laterals	Carbon Black Dispersion	IS 2530 (Clause 16)
17	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment - Polyethylene Pipes for Irrigation Laterals	Density	IS 2530 (Clause 5)
18	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment - Polyethylene Pipes for Irrigation Laterals	Susceptibility to Environmental Stress Cracking	IS 12786

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19	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment - Sprinkler Pipes	Base Density	IS 2530 (Clause 5)
20	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment - Sprinkler Pipes	Carbon Black Content	IS 2530 (Clause 10)
21	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment - Sprinkler Pipes	Carbon Black Dispersion	IS 2530 (Clause 16)
22	CHEMICAL- PLASTIC & RESINS	Meter Box	Flammability	IS 11731 Part-2
23	CHEMICAL- PLASTIC & RESINS	Meter Box	Resistance to Corrosion	IS 14772 (Clause 20.0)
24	CHEMICAL- PLASTIC & RESINS	Multilayered Cross Laminated Tarpaulins	Carbon Black Content	IS 2530 (Clause 10)
25	CHEMICAL- PLASTIC & RESINS	Plastics & polymers	Carbon Black Dispersion	ASTM D1603
26	CHEMICAL- PLASTIC & RESINS	Plastics & Polymers	Ash Content Test	ASTM D5630
27	CHEMICAL- PLASTIC & RESINS	Plastics & polymers	Carbon Black Content	ASTM D1603
28	CHEMICAL- PLASTIC & RESINS	Plastics & Polymers	Environmental Stress Cracking resistance (ESCR)	ASTMD1693
29	CHEMICAL- PLASTIC & RESINS	Plastics & Polymers	Fluorescent Ultraviolet (UV) Exposure Test	ADTM G154
30	CHEMICAL- PLASTIC & RESINS	Plastics & Polymers	Oxidative induction Time (OIT)	ASTM D3895
31	CHEMICAL- PLASTIC & RESINS	Plastics & Polymers	Rate of Burning Test	ASTM D 635
32	CHEMICAL- PLASTIC & RESINS	Plastics & Polymers	Vicat Softening Temperature	ASTM D1525
33	CHEMICAL- PLASTIC & RESINS	Plastics and Polymers	Melting point and Glass Transition temperature by Differential Scanning Calorimetry (DSC)	ASTM D 3418
34	CHEMICAL- PLASTIC & RESINS	Plastics and Polymers	Water Absorption	ASTM D570
35	CHEMICAL- PLASTIC & RESINS	Polly pallets (Type - A) Sample	Water Absorption	ASTM D570
36	CHEMICAL- PLASTIC & RESINS	Polyethylene Material for Moulding and Extrusion	Density	IS 13360 (Part 3/Sec 10)

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37	CHEMICAL- PLASTIC & RESINS	Polyethylene Material for Moulding and Extrusion	Carbon Black Content	IS 2530 (Clause 10.0)
38	CHEMICAL- PLASTIC & RESINS	Polyethylene Films and Sheets	Ash Content	IS 13360 (Part 8/Sec 8)
39	CHEMICAL- PLASTIC & RESINS	Polyethylene Films and Sheets	Carbon Black Content	IS 2530 (Clause 10)
40	CHEMICAL- PLASTIC & RESINS	Polyethylene Films and Sheets	Density	IS : 8543 (Part I/Sec 2)
41	CHEMICAL- PLASTIC & RESINS	Polyethylene Films and Sheets	Melt Flow Index	IS 2530 (Clause 7)
42	CHEMICAL- PLASTIC & RESINS	Polyethylene Pipes for Water Supply	Carbon Black Content	IS 2530 (Clause 10.0)
43	CHEMICAL- PLASTIC & RESINS	Polyethylene Pipes for Water Supply	Carbon Black Dispersion	IS 2530 (Clause 16.0)
44	CHEMICAL- PLASTIC & RESINS	Polyethylene Pipes for Water Supply	Overall Migration	IS 9845 (Clause 5.0)
45	CHEMICAL- PLASTIC & RESINS	Polyethylene Pipes for Water Supply	Thermal Stability (Oxidation Induction Time -OIT)	IS 4984 (Annex B)
46	CHEMICAL- PLASTIC & RESINS	Polyethylene Pipes for Water Supply	Volatile matter	IS 4984 (Annex C)
47	CHEMICAL- PLASTIC & RESINS	PP-R CP for Hot & Cold Water water supplies	Carbon Black content	IS 2530 (Clause 10.0)
48	CHEMICAL- PLASTIC & RESINS	PP-R CP for Hot & Cold Water water supplies	Carbon Black dispersion	IS 2530 (Clause 16.0)
49	CHEMICAL- PLASTIC & RESINS	PP-R CP for Hot & Cold Water water supplies	Density	IS 13360 (Part 3/Sec 1)
50	CHEMICAL- PLASTIC & RESINS	Rotational moulded Polyethylene water storage tanks	Carbon Black Content	IS 2530 (Clause 10.0)
51	CHEMICAL- PLASTIC & RESINS	Rotational moulded Polyethylene water storage tanks	Carbon Black Dispersion	IS 2530 (Clause 16.0)
52	CHEMICAL- PLASTIC & RESINS	Rotational moulded Polyethylene water storage tanks	Overall Migration	IS 9845 (Clause 5.0)
53	CHEMICAL- PLASTIC & RESINS	UNPLASTICIZED POLYVINYL CHLORIDE (PVC-U) PIPES FOR SOIL AND WASTE DISCHARGE SYSTEM FOR INSIDE AND OUTSIDE BUILDINGS INCLUDING VENTILATION AND RAIN WATER SYSTEM	Reversion Test	IS 12235 (Part 5/ Sec-1)

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54	CHEMICAL- PLASTIC & RESINS	UNPLASTICIZED POLYVINYL CHLORIDE (PVC-U) PIPES FOR SOIL AND WASTE DISCHARGE SYSTEM FOR INSIDE AND OUTSIDE BUILDINGS INCLUDING VENTILATION AND RAIN WATER SYSTEM	Vicat Softening Temperature	IS 12235 (part 2)
55	CHEMICAL- PLASTIC & RESINS	UNPLASTICIZED POLYVINYL CHLORIDE (PVC-U) PIPES FOR SOIL AND WASTE DISCHARGE SYSTEM FOR INSIDE AND OUTSIDE BUILDINGS INCLUDING VENTILATION AND RAIN WATER SYSTEM	RESISTANCE TO SULPHURIC ACID	IS12235 (Part 7)
56	CHEMICAL- PLASTIC & RESINS	Unplasticized Polyvinyl Chloride (PVC-u) Screen and Casing Pipes for Bore and tube wells	Vicat Softening Temperature	IS 12235 (Part 2)
57	CHEMICAL- PLASTIC & RESINS	Unplasticized Polyvinyl Chloride (PVC-U) Injection Moulded Fittings for Soil and Waste Discharge System for Inside and Outside Buildings Including Ventilation and Rainwater System	Stress Relief Test	IS 12235 Part-6
58	CHEMICAL- PLASTIC & RESINS	Unplasticized Polyvinyl Chloride (PVC-U) Injection Moulded Fittings for Soil and Waste Discharge System for Inside and Outside Buildings Including Ventilation and Rainwater System	Resistance to Sulphuric Acid	IS 12235 (Part 7)
59	CHEMICAL- PLASTIC & RESINS	Unplasticized Polyvinyl Chloride (PVC-U) Injection Moulded Fittings for Soil and Waste Discharge System for Inside and Outside Buildings Including Ventilation and Rainwater System	Sulphated Ash Content	IS 12235 Part-17
60	CHEMICAL- PLASTIC & RESINS	Unplasticized Polyvinyl Chloride (PVC-U) Injection Moulded Fittings for Soil and Waste Discharge System for Inside and Outside Buildings Including Ventilation and Rainwater System	Vicat Softening Temperature (VST)	IS 12235 (part 2)
61	CHEMICAL- PLASTIC & RESINS	Unplasticized Polyvinyl Chloride (PVC-u) Screen and Casing Pipes for Bore and tube wells	Density	IS 12235 Part-14
62	CHEMICAL- PLASTIC & RESINS	UPVC Pipe for water Supplies	Sulphated ash content	IS 4985 (annex B)
63	CHEMICAL- PLASTIC & RESINS	UPVC pipes for potable water supplies	Effect on Water	IS 12235 Part-4
64	CHEMICAL- PLASTIC & RESINS	UPVC pipes for water Supplies	Vicat Softening Temperature (VST)	IS 12235 (Part 2)
65	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Polypropylene (PP) Woven Sacks for Filling Sand	Ash Content	IS 14252 (Annex D)
66	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Food Grains	Ash Content	IS 14887 clause 4.2 Table 1 Annex (D)
67	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	High Density Polyethylene (HDPE) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Ash Content	IS 14968 (Table-1 Annex D)

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68	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	High Density Polyethylene (HDPE) Woven Sacks for Filling Sand	Ash Content	IS 14252 (Annex D)
69	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	High Density Polyethylene (HDPE) Woven Sacks for Filling Sand	Overall Migration	IS 9845 (Clause 5.0)
70	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	High Density Polyethylene(HDPE) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Ash content	IS 16208 Table -1 Annex. D
71	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	High Density Polyethylene(HDPE) Woven sacks for packaging Fertilizers	Ash Content	IS 9755 Annex C
72	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Polypropylene (PP) Woven Sacks for Filling Sand	Overall Migration	IS 9845 (Clause 5.0)
73	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Polypropylene (PP) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Ash content	IS 16208 Table -1 Annex. D
74	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Polypropylene (PP) Woven sacks for packaging Fertilizers	Ash Content	IS 9755 Table Annex C
75	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Food Grains	Ash Content	IS 14887 clause 4.2 Table 1 Annex (D)
76	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Polypropylene (PP) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Ash Content	IS 14968 (Table-1 Annex D)
77	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Filling Sand	Average Breaking strength of fabric (Lengthwise before UV Exposure)	IS 1969 Part 1
78	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Filling Sand	Dimensions (Outside Length & Width)	IS 14252 Clauses 4.1 and 4.2
79	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene PP Woven Sacks for Packaging of 50 Kg Food Grains	Average Breaking strength of fabric (Lengthwise after UV Exposure)	IS 1969 (Part 1)
80	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene(PP) Woven sacks for packaging Fertilizers	Mass of sack	IS 1964
81	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Cement	Average Breaking strength of fabric (Lengthwise after UV Exposure)	IS 1969 (Part 1)
82	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	"UNPLASTICIZED POLYVINYL CHLORIDE (PVC-U) PIPES FOR SOIL AND WASTE DISCHARGE SYSTEM FOR INSIDE AND OUTSIDE BUILDINGS INCLUDING VENTILATION AND RAIN WATER SYSTEM"	Reversion Test	IS 12235 (Part 5)
83	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Drop impact Strength	Drop impact Strength	IS 11652
84	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FABRICATED PVC-U FITTINGS FOR POTABLE WATER SUPPLIES	Short Term Hydraulic Test	IS 10124 Part 1 (ANNEX A)

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85	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FABRICATED PVC-U FITTINGS FOR POTABLE WATER SUPPLIES	Type Test	IS 12235 (Part 8/Sec 1)
86	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FABRICATED PVC-U FITTINGS FOR POTABLE WATER SUPPLIES	Dimension	IS 12235 Part 1
87	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FABRICATED PVC-U FITTINGS FOR POTABLE WATER SUPPLIES	Dimensions (OD) of Socket for Elastomeric Sealing Ring Joint	IS 12235 Part 1
88	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FABRICATED PVC-U FITTINGS FOR POTABLE WATER SUPPLIES	Dimensions (Wall thickness) of Socket	IS 12235 Part 1
89	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FABRICATED PVC-U FITTINGS FOR POTABLE WATER SUPPLIES	Dimensions of 22 ½ degree Bend for Elastomeric Sealing Ring Joint (Outside diameter)	IS 12235 Part 1
90	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FABRICATED PVC-U FITTINGS FOR POTABLE WATER SUPPLIES	Dimensions of 22 ½ degree Bend for Elastomeric Sealing Ring Joint (Outside diameter)	IS 12235 Part 1
91	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FABRICATED PVC-U FITTINGS FOR POTABLE WATER SUPPLIES	Dimensions of 22 ½ o Bends (Wall thickness)	IS 12235 Part 1
92	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FABRICATED PVC-U FITTINGS FOR POTABLE WATER SUPPLIES	Dimensions of 22 ½o Bends (Outside Diameter)	IS 12235 Part 1
93	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FABRICATED PVC-U FITTINGS FOR POTABLE WATER SUPPLIES	Dimensions of 45 degree Bend (OD)	IS 12235 Part 1
94	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FABRICATED PVC-U FITTINGS FOR POTABLE WATER SUPPLIES	Dimensions of 45 degree Bend (Outside diameter)	IS 12235 Part 1
95	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FABRICATED PVC-U FITTINGS FOR POTABLE WATER SUPPLIES	Dimensions of 45 degree Bend (Wall thickness)	IS 12235 Part 1
96	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FABRICATED PVC-U FITTINGS FOR POTABLE WATER SUPPLIES	Dimensions of 45° Bend for Elastomeric Sealing Ring Joint (Outside Diameter)	IS 12235 Part 1
97	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FABRICATED PVC-U FITTINGS FOR POTABLE WATER SUPPLIES	Dimensions of 45° Bend for Elastomeric Sealing Ring Joint (Outside diameter)	IS 12235 Part 1
98	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FABRICATED PVC-U FITTINGS FOR POTABLE WATER SUPPLIES	Dimensions of 45° Bend for Elastomeric Sealing Ring Joint (wall thickness)	IS 12235 Part 1
99	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FABRICATED PVC-U FITTINGS FOR POTABLE WATER SUPPLIES	Dimensions of 45° Bend for Elastomeric Sealing Ring Joint (wall thickness)	IS 12235 Part 1
100	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FABRICATED PVC-U FITTINGS FOR POTABLE WATER SUPPLIES	Dimensions of 60 degree Bend for Elastomeric Sealing Ring Joint (Outside Diameter)	IS 12235 Part 1

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101	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FABRICATED PVC-U FITTINGS FOR POTABLE WATER SUPPLIES	Dimensions of 60 degree Bend for Elastomeric Sealing Ring Joint (wall thickness)	IS 12235 Part 1
102	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FABRICATED PVC-U FITTINGS FOR POTABLE WATER SUPPLIES	Dimensions of 60 degree Bends (wall thickness)	IS 12235 Part 1
103	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FABRICATED PVC-U FITTINGS FOR POTABLE WATER SUPPLIES	Dimensions of 60o Bends (Outside Diameter)	IS 12235 Part 1
104	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FABRICATED PVC-U FITTINGS FOR POTABLE WATER SUPPLIES	Dimensions of 90 degree Bend for Elastomeric Sealing Ring Joint (wall Thickness)	IS 12235 Part 1
105	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FABRICATED PVC-U FITTINGS FOR POTABLE WATER SUPPLIES	Dimensions of 90 degree Bends (Outside diameter)	IS 10124 Part 8
106	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FABRICATED PVC-U FITTINGS FOR POTABLE WATER SUPPLIES	Dimensions of 90o Bend for Elastomeric Sealing Ring Joint (Outside diameter)	IS 12235 Part 1
107	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FABRICATED PVC-U FITTINGS FOR POTABLE WATER SUPPLIES	Dimensions of 90o Bends (Wall Thickness)	IS 12235 Part 1
108	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FABRICATED PVC-U FITTINGS FOR POTABLE WATER SUPPLIES	Dimensions of Caps (Outside diameter)	IS 12235 Part 1
109	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FABRICATED PVC-U FITTINGS FOR POTABLE WATER SUPPLIES	Dimensions of Caps (wall Thickness)	IS 12235 Part 1
110	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FABRICATED PVC-U FITTINGS FOR POTABLE WATER SUPPLIES	Dimensions of Equal Tees (Outside diameter)	IS 12235 Part 1
111	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FABRICATED PVC-U FITTINGS FOR POTABLE WATER SUPPLIES	Dimensions of Equal Tees (wall Thickness)	IS 12235 Part 1
112	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FABRICATED PVC-U FITTINGS FOR POTABLE WATER SUPPLIES	Dimensions of PVC Flanged Tail Piece with Metallic Flanges (Outside Diameter)	IS 12235 Part 1
113	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FABRICATED PVC-U FITTINGS FOR POTABLE WATER SUPPLIES	Dimensions of PVC Flanged Tailpiece with Metallic Flanges (Outside diameter)	IS 12235 Part 1
114	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FABRICATED PVC-U FITTINGS FOR POTABLE WATER SUPPLIES	Dimensions of Socket (OD)	IS 12235 Part 1
115	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FABRICATED PVC-U FITTINGS FOR POTABLE WATER SUPPLIES	Dimensions of Socket (Wall thickness)	IS 12235 Part 1
116	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FABRICATED PVC-U FITTINGS FOR POTABLE WATER SUPPLIES	Dimensions of Straight Reducers (Outside diameter)	IS 12235 Part 1
117	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FABRICATED PVC-U FITTINGS FOR POTABLE WATER SUPPLIES	Dimensions of Straight Reducers (Wall thickness)	IS 12235 Part 1

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118	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FABRICATED PVC-U FITTINGS FOR POTABLE WATER SUPPLIES	Hydrostatic characteristics	IS 10124 Part 1 Annex- A
119	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FABRICATED PVC-U FITTINGS FOR POTABLE WATER SUPPLIES	Opacity	IS 12235 Part 3
120	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FABRICATED PVC-U FITTINGS FOR POTABLE WATER SUPPLIES	Ovality	IS 12235 Part 1
121	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Fittings	Dimension - Outside Diameter (OD)	IS 12235 Part 1
122	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Fittings	Dimension - Outside Diameter (OD)	IS 12235 Part 1
123	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Fittings	Dimension - Outside Diameter (OD)	IS 12235 Part 1
124	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Fittings	Dimension - Outside Diameter (OD)	IS 12235 Part 1
125	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Fittings	Dimension - Outside Diameter (OD)	IS 12235 Part 1
126	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Fittings	Dimension - Outside Diameter (OD)	IS 12235 Part 1
127	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Fittings	Dimension - Outside Diameter (OD)	IS 12235 Part 1
128	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Fittings	Hydraulic characteristics	IS 4984 Annex-B
129	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Fittings	Outside Diameter (OD)	IS 12235 Part 1
130	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Fittings	Ovality	IS 12235 Part 1
131	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Woven Sacks for Packaging of 50 Kg Food Grains	Minimum Breaking Strength of bottom seam	IS 9030
132	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Woven Sacks for Filling Sand	Mass of sack (GSM)	IS 1964
133	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Woven Sacks for Filling Sand	UV Resistance Test	IS 14252 (Annex C)
134	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Woven Sacks for Packaging of 50 Kg Cement	Elongation at break of Fabric (Lengthwise)	IS 1969 (Part 1)
135	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Woven Sacks for Packaging of 50 Kg Cement	Average Breaking strength of fabric (Width wise before UV Exposure)	IS 1969

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136	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Woven Sacks for Packaging of 50 Kg Cement	Average Breaking strength of fabric (Lengthwise after UV Exposure)	IS 1969
137	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Woven Sacks for Packaging of 50 Kg Cement	Average Breaking strength of fabric (Width wise before UV Exposure)	IS 1969 (Part 1)
138	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Woven Sacks for Packaging of 50 Kg Cement	Breaking Strength of Seam	IS 9030
139	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Woven Sacks for Packaging of 50 Kg Cement	Elongation at break of Fabric (Widthwise)	IS 1969 (Part 1)
140	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Woven Sacks for Packaging of 50 Kg Cement	Picks per dm	IS 11652(Annex A)
141	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Woven Sacks for Packaging of 50 Kg Cement	UV Resistance Test	IS 11652
142	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Woven Sacks for Packaging of 50 Kg Food Grains	Average Breaking strength of fabric (Lengthwise before UV Exposure)	IS 1969 Part-1
143	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Woven Sacks for Packaging of 50 Kg Food Grains	Average Breaking strength of fabric (Widthwise before UV Exposure)	IS 1969 (Part 1)
144	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Woven Sacks for Packaging of 50 Kg Food Grains	Elongation at break of Fabric (Lengthwise before UV Exposure)	IS 1969 Part-1
145	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Average Breaking strength of fabric (Widthwise before UV Exposure)	IS 1969 (Part 1)
146	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Average Breaking strength of fabric (Lengthwise a after UV Exposure)	IS 1969 (Part 1)
147	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Food Grains	Mass of Sack	IS 1964
148	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Woven Sacks for Filling Sand	picks per dm	IS 14252 (Annex B):
149	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Woven Sacks for Packaging of 50 Kg Cement	Average Breaking strength of fabric (Width wise after UV Exposure)	IS 1969 part-1
150	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Woven Sacks for Packaging of 50 Kg Cement	Average Breaking strength of fabric (Lengthwise before UV Exposure)	IS 1969(Part 1)

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151	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Woven Sacks for Packaging of 50 Kg Cement	Ends per dm	IS 11652 (Annex A)
152	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Woven Sacks for Packaging of 50 Kg Food Grains	Average Breaking strength of fabric (Lengthwise after UV Exposure)	IS 1969 part-1
153	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Woven Sacks for Packaging of 50 Kg Food Grains	Average Breaking strength of fabric (Widthwise after UV Exposure)	IS 1969 part-1
154	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Woven Sacks for Packaging of 50 Kg Food Grains	Dimensions (Inside Length)	IS 1954
155	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Woven Sacks for Packaging of 50 Kg Food Grains	Elongation at break of Fabric (Widthwise before UV Exposure)	IS 1969 part-1
156	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Woven Sacks for Packaging of 50 Kg Food Grains	Ends per dm	IS 14887 Annex-B
157	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Woven Sacks for Packaging of 50 Kg Food Grains	UV Resistance Test	IS 14887 Annex-C
158	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Average Breaking strength of fabric (Widthwise after UV Exposure)	IS 1969 (Part 1)
159	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Average Breaking strength of fabric (Lengthwise before UV Exposure)	IS 1969 part-1
160	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Dimensions (Inside Width)	IS 1954
161	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Elongation at break of Fabric (Lengthwise)	IS 1969 Part-1
162	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Elongation at break of Fabric (Widthwise)	IS 1969(Part 1)
163	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Film	Impact Resistance (Falling Dart)	IS 13360 (Part 5/Sec 6)
164	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Films	Tensile strength at Break	IS 13360 Part 5/Sec 1,Sec 3
165	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Films	Elongation at Break	IS 13360 (Part 5/Sec 1)
166	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes for Sewerage	Dimension (Outside Diameter)	IS 12235 Part-1
167	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes for Sewerage	Hydraulic Characteristics (Internal Pressure Creep Rupture test)	IS 14333 clause 8.1

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168	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes for Sewerage	Length of Straight Pipe	IS 14333 clause 6.4
169	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes for Sewerage	Ovality	IS 14333 Clause 6.3.2
170	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes for Sewerage	Reversion Test	IS 14333 Annex-C
171	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes for Sewerage	Wall Thickness	IS 12235 Part-1
172	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE)	Average Breaking strength of fabric (Lengthwise before UV Exposure)	IS 1969 Part-1
173	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE) Woven sacks for packaging Fertilizers	Average Breaking strength of fabric (Widthwise after UV Exposure)	IS 1969 Part-1
174	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE) Woven sacks for packaging Fertilizers	Breaking Strength of Bottom Seam	IS 9030
175	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE) Woven sacks for packaging Fertilizers	Drop Impact Testing of Filled Sacks	IS 9755 (Annex D)
176	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE) /Woven sacks for packaging Fertilizers	Average Breaking strength of fabric (Lengthwise after UV Exposure)	IS 1969 Part-1
177	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Average Breaking strength of fabric (Widthwise before UV Exposure)	IS 1969
178	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Average Breaking strength of fabric (Widthwise before UV Exposure)	IS 1969(Part 1)
179	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Average Breaking strength of fabric (Lengthwise after UV Exposure)	IS 1969 Part-1
180	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Average Breaking strength of fabric (Lengthwise before UV Exposure)	IS 1969 Part-1
181	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Dimensions (Width)	IS 16208 Annex-B
182	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Dimensions (Inside Length)	IS 16208 Annex-B
183	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Elongation at break of Fabric (Widthwise)	IS 1969 Part-1

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184	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Linear Density	IS 7703 (Part 1)
185	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Mass of Sack & GSM	IS 1954
186	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Minimum Breaking Strength of Bottom Seam	IS 9030
187	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE) Woven sacks for packaging Fertilizers	Average Breaking strength of fabric (Widthwise before UV Exposure)	IS 1969 (Part 1)
188	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE) woven sacks for packaging Fertilizers	Bottom Seam	IS 9030
189	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE) Woven sacks for packaging Fertilizers	Elongation at break of Fabric (Lengthwise)	IS 1969 (Part 1)
190	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE) Woven sacks for packaging Fertilizers	Elongation at break of Fabric (Widthwise)	IS 1969 (Part 1)
191	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE) woven sacks for packaging Fertilizers	Mouth of Sack	IS 9755
192	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Injection Moulded PVC Socket fittings with Solvent Cement joints for Water Supplies	Opacity	IS 12235 Part-3
193	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Injection Moulded PVC Socket fittings with Solvent Cement joints for Water Supplies	Opacity	IS 12235(Part 3)
194	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Injection Moulded PVC Socket fittings with Solvent Cement joints for Water Supplies	Short-term Hydraulic Test	IS 7834 Part 1 (Annex D)
195	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Injection Moulded PVC Socket fittings with Solvent Cement joints for Water Supplies	Short-term Hydraulic Test	IS 7834 Part-I (Clause 6.4)
196	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Injection Moulded PVC Socket fittings with Solvent Cement joints for Water Supplies	Socket Length	IS 7834 (Clause 5.1.1)
197	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Injection Moulded PVC Socket fittings with Solvent Cement joints for Water Supplies	Stress Relief Test	IS 7834 Part 1 (Annex A)
198	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Injection Moulded PVC Socket fittings with Solvent Cement joints for Water Supplies	Stress Relief Test -	IS 12235 Part-6
199	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Injection Moulded PVC Socket fittings with Solvent Cement joints for Water Supplies for 45 degree tees	Dimensions Laying length -Z	IS 7834 Part-5
200	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Injection Moulded PVC Socket fittings with Solvent Cement joints for Water Supplies for 45 degrees elbows	laying length Z	S 7834 Part-2 (clause 2.2)
201	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Injection Moulded PVC Socket fittings with Solvent Cement joints for Water Supplies for 90 degree elbows	Dimensions Laying length -Z	IS 7834 Part-3 (clause 2.2)

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202	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Injection Moulded PVC Socket fittings with Solvent Cement joints for Water Supplies for 90 degree tees	Laying length -Z	IS 12235 Part 1
203	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Injection Moulded PVC Socket fittings with Solvent Cement joints for Water Supplies for sockets	Dimensions Laying length -Z	IS 7834 Part-6 (Clause 2.2)
204	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Injection Moulded PVC Socket fittings with Solvent Cement joints for Water Supplies for unions	Laying length -Z	IS 12235 Part 1
205	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Injection Moulded PVC Socket fittings with Solvent Cement joints for Water Supplies for unions	Laying length -Z	IS 7834 Part-7 (Clause 2.2)
206	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Polyethylene Pipes for Irrigation Laterals	Dimension (Outside diameter)	IS 12786 (Clause 5.0)
207	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Polyethylene Pipes for Irrigation Laterals	Dimension (Wall Thickness)	IS 12786 (Clause 5.1.2)
208	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Polyethylene Pipes for Irrigation Laterals	Elongation at Break	IS 2530 Clause -6
209	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Polyethylene Pipes for Irrigation Laterals	Hydraulic Characteristics (Internal Pressure Creep Rupture test)	IS 12786 Annex- C
210	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Polyethylene Pipes for Irrigation Laterals	Reversion Test	IS 12786 Clause 7.2
211	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Polyethylene Pipes for Irrigation Laterals	Tensile Test	IS 2530 (Clause 6)
212	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes	Elongation at Break	IS 12530 (Clause 6)
213	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes	Fusion Compatibility Test	IS 14151 (Part 1)(Clauses 7.4):
214	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes	Hydraulic Characteristics (Internal Pressure Creep Rupture test)	IS 14151 (Part 1) Annex A
215	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes	Reversion Test	IS 14151 (Part 1) Clause 7.2
216	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes	Dimension (Outside Diameter)	IS 14151 (Part 1) (Clauses 5.1)
217	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes	Dimension (Ovality)	IS 14151 (Part 1) (Clauses 5.1):
218	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes	Dimension (Wall Thickness)	IS 14151 (Pat 1)
219	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes	Tensile Strength	IS 14151 (Part 1)Clause 7.3

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220	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Meter Box	Mechanical Strength	IS 14772 (Clause 15.2 to 15.5)
221	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Meter Box	Resistance to Ageing in Humid Condition, to ingress of solid objects and to harmful ingress of water (70 °C/7days)*(7x24x25)	IS 14772 (Clause 13.0)
222	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Meter Box	Resistance to Heat	14772 (Clause 16.0)
223	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Tarpaulins	Accelerated Ageing Test	IS 7016 Part-8
224	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Tarpaulins	Dart Impact Strength	Method B of IS 13360 (Part 5/Sec 6)
225	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Tarpaulins	Elongation at Break (Transverse Direction)	IS 1969 (Part 1)
226	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Tarpaulins	Elongation at Break (Longitudinal Direction)	IS 13360 (Part 5/Sec 1)
227	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Tarpaulins	Flex Test (after Ageing)	IS 7016 (Part-4)
228	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Tarpaulins	Flex Test (before Ageing)	IS 7016 (Part 4)
229	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Tarpaulins	Gram Square Meter (GSM)	IS 7016 Part-1
230	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Tarpaulins	Strength of Joint	IS 14611 Annex-C
231	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Tarpaulins	Tear Strength (Transverse Direction, before ageing)	IS 14611(ANNEX F)
232	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Tarpaulins	Tear Strength (Transverse Direction,after ageing)	IS 14611(ANNEX F)
233	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Tarpaulins	Tear Strength (Longitudinal before ageing)	IS 14611(Annex F)
234	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Tarpaulins	Tear Strength (Longitudinal Direction after ageing)	IS 14611(ANNEX F)
235	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Tarpaulins	Tensile strength (Transverse direction after Ageing)	IS 13360 (Part 5/ Sec 3)
236	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Tarpaulins	Tensile strength (Longitudinal after Ageing)	IS 13360 (Part 5/ Sec 1)
237	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Tarpaulins	Tensile strength (Longitudinal direction, before Ageing)	IS 1969 (Part 1)

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238	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Tarpaulins	Tensile strength (Longitudinal direction, before Ageing)	IS 1969 Part-1
239	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Tarpaulins	Tensile strength (Transverse direction, before Ageing)	IS 13360 (Part 5/ Sec 3)
240	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Tarpaulins	UV Resistance Test	IS 14611 Annex -G
241	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Tarpaulins	Water Proofness Test	IS 7016 (Part 7)
242	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Heat Defection Temperature	ASTM D648
243	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & Products	Barcol Hardness	ASTM 2583
244	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & Products	Charpy Impact Resistance Test	ASTM D6110
245	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & Products	Compressive Strength Test	ASTM D695
246	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Dart Impact Resistance Test	ASTM D1709
247	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & Products	Density & Specific Gravity	ASTM D792
248	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & Products	Flexural Strength & Modulus	ASTM D790
249	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Izod Impact Resistance test	ASTM D256
250	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & Products	Tear Resistance	ASTM D1922
251	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Tensile Elongation	ASTM D638
252	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Tensile strength & Modulus	ASTM D638
253	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polly pallets (Type - A) Sample	Impact Strength	ASTM D256
254	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polly pallets (Type - A) Sample	Bend Strength at yield	ASTM D79O
255	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polly pallets (Type - A) Sample	Compressive Strength at 10% deformation	ASTM D695
256	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polly pallets (Type - A) Sample	Cross Sectional Crushing load	ASTM D695

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257	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polly pallets (Type - A) Sample	Dimension of top member, Bottom member connecting Member, Spacer (250x4)	IS 13664 (Clause 5.3)
258	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polly pallets (Type - A) Sample	Elongation	IS 1969
259	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polly pallets (Type - A) Sample	Nominal Assembly Dimension	IS 13664 (Clause 5.1 & 5.2)
260	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polly pallets (Type - A) Sample	Shear Strength	ASTM D732
261	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polly pallets (Type - A) Sample	Thermal stability linear expansion (24hour/800C)*(24 x 25)	ASTM D696
262	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polly pallets (Type - A) Sample	Ultimate bending load	ASTM D790
263	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polly pallets (Type - A) Sample	Ultimate Tensile Strength	ASTM D638
264	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene (PP) Woven Sacks for Packaging of 50 Kg Food Grains	Average Breaking strength of fabric (width wise after UV Exposure)	IS 1969 (Part 1)
265	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films and Sheets	Ageing Test	IS 7016 (Part 8)
266	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films and Sheets	Dart Impact Strength	IS 13360 (Part 5/Sec 6) Method B
267	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films and Sheets	Elongation at Break	IS 13360 (Part 5/Sec 1)
268	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films and Sheets	Elongation at Yield	IS 2508
269	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films and Sheets	Tear Resistance	IS 2508
270	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films and Sheets	Tensile Strength at Break	IS 13360 (Part 5/Sec 1)
271	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films and Sheets	Tensile Strength at Yield	IS 2508
272	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Base Density	IS 13360 (Part 3/Sec 10)
273	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Dimension (Length)	IS 4984(Clause 7.4)
274	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Dimension (Outside Diameter)	IS 4984(Clause 7.4)

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275	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Dimension (wall Thickness)	IS 4984 (Clause 3.11)
276	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Elongation at Break	IS 4984 (Annex H)
277	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Elongation at Break	IS 4984 (Annex H)
278	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Hydraulic Characteristics (Internal Pressure Creep Rupture test of pipes & joints)	IS 4984 (Annex E)
279	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Longitudinal Reversion Test	IS 4984(Annex F)
280	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Ovality	IS 12235 Part-1
281	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Slow Crack Growth Rate	IS 4984(Annex E)
282	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Tensile Strength for Butt-Fusion	IS 4984(Annex G)
283	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pouches for Packaging Liquid Milk	Dart Impact Resistance	IS 13360 (Part 5/Sec 6)Method B
284	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pouches for Packaging Liquid Milk	Drop Test	IS 11805 (Annex A)
285	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pouches for Packaging Liquid Milk	Elongation at Break	IS 13360 (Part 5/Sec 1)
286	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pouches for Packaging Liquid Milk	Ink Adhesion Test	11805 (Clause 8.3)
287	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pouches for Packaging Liquid Milk	Tensile strength at break Crosswise	IS 1969 (Part 1)
288	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pouches for Packaging Liquid Milk	Tensile strength at break Lengthwise	IS 13360 (Part 5/Sec 1)
289	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Filling Sand	Breaking Strength of Bottom Seam	IS 9030
290	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Filling Sand	Breaking Strength of Bottom Seam	IS 9030
291	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Filling Sand	Ends per dm	IS 14252(Annex B)
292	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Filling Sand	Linear Density	IS 7703 (Part 1)

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293	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Filling Sand	Mass of Bale	IS 14252 (Clause 4.2)
294	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Filling Sand	Mass of sack (GSM)	IS 1964
295	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Filling Sand	picks per dm	IS 14252 (Annex B)
296	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Filling Sand	Tape Width	IS 14252
297	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Filling Sand	UV Resistance Test	IS 14252 (Annex C)
298	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Average Breaking strength of fabric Widthwise after UV Exposure)	IS 1969(Part 1)
299	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Average Breaking strength of fabric (Lengthwise after UV Exposure)	IS 1969(Part 1)
300	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Average Breaking strength of fabric (Lengthwise before UV Exposure)	IS 1969(Part 1)
301	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Average Breaking strength of fabric (Widthwise before UV Exposure)	IS 1969(Part 1)
302	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Dimensions (Inside Length)	IS 16208 Annex-B
303	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Dimensions (Inside Width)	IS 16208
304	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Elongation at break of Fabric (Lengthwise)	IS 16208
305	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Elongation at break of Fabric (Lengthwise)	IS 1969 Part-1
306	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Elongation at break of Fabric (Lengthwise a)	IS 1969 Part-1
307	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Elongation at break of FabricWidthwise)	IS 1969(Part 1)
308	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Ends per dm	IS 16208 (Annex-B)
309	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Fabric Tape Width	IS 16208 (Clause 4.2)

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310	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Linear Density	IS 7703 (Part 1)
311	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Mass of Sack	IS 1964
312	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Minimum Breaking Strength of Bottom Seam	IS 1969 Part-1
313	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Picks per dm	IS 16208(ANNEX B)
314	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	UV Resistance Test	IS 16208 (Annex C)
315	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven sacks for packaging Fertilizers	Lamination (GSM)	IS 9755 (ANNEX E)
316	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven sacks for packaging Fertilizers	UV Resistance Test	IS 9755 (Clause 4.2)
317	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven sacks for packaging Fertilizers	Average Breaking strength of fabric (Widthwise before UV Exposure)	IS 1969 (Part 1)
318	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven sacks for packaging Fertilizers	Average Breaking strength of fabric (Widthwise after UV Exposure)	IS 1969 (Part 1)
319	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven sacks for packaging Fertilizers	Average Breaking strength of fabric (Lengthwise after UV Exposure)	IS 1969 (Part 1)
320	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven sacks for packaging Fertilizers	Average Breaking strength of fabric (Lengthwise and before UV Exposure)	IS 1969 (Part 1)
321	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven sacks for packaging Fertilizers	Breaking Strength of Bottom Seam	IS 9030
322	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven sacks for packaging Fertilizers	Drop ImpactTesting of Filled Sacks	IS 9755 (Annex D)
323	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven sacks for packaging Fertilizers	Elongation at break of Fabric (Lengthwise)	IS 1969 (Part 1)
324	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven sacks for packaging Fertilizers	Elongation at break of Fabric (Widthwise)	IS 1969 (Part 1)
325	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven sacks for packaging Fertilizers	Ends per dm	IS 9755 (Annex B)
326	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven sacks for packaging Fertilizers	Linear Density of Tape	IS 7703 (Part 1)

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327	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven sacks for packaging Fertilizers	Mass of Fabric (GSM)	IS 9755 (ANNEX B)
328	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven sacks for packaging Fertilizers	Mass of sack	IS 9755 (Annex B)
329	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven sacks for packaging Fertilizers	Mouth of Sack	IS 9755 (Clause 4.7)
330	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Cement	Average Breaking strength of fabric (Width wise after UV Exposure)	IS 1969 (Part 1)
331	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Cement	Average Breaking strength of fabric (Lengthwise before UV Exposure)	IS 1969 Part-1
332	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Cement	Breaking Strength of Top & Bottom Seam	IS 11652
333	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Cement	Elongation at break of Fabric (Lengthwise)	IS11652
334	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Cement	Elongation at break of Fabric (Widthwise)	IS 1969 (Part 1)
335	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Cement	Linear Density	IS 7703 (Part 1)
336	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Cement	Mass of Sack	IS 11652 (Clause 6)
337	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Cement	Mass of Sack	IS 11652(Annex B)
338	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Food Grains	Average Breaking strength of fabric (Lengthwise before UV Exposure)	IS 1969 (Part 1)
339	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Food Grains	Average Breaking strength of fabric (Widthwise before UV Exposure)	IS 1969 (Part 1)
340	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Food Grains	Dimensions Width	IS 1954
341	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Food Grains	Dimensions (Inside Length)	IS 1954
342	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Food Grains	Elongation at break of Fabric (Lengthwise after UV Exposure	IS 1969 (Part 1)
343	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Food Grains	Elongation at break of Fabric (Widthwise after UV Exposure)	IS 1969 Part-1

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344	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Food Grains	Ends per dm	IS 14887 (ANNEX B)
345	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Food Grains	Linear Density	IS 7703 (Part 1)
346	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Food Grains	Minimum Breaking Strength of bottom seam	IS 9030
347	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Food Grains	Picks per dm	IS 14887 (Annex- B)
348	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Food Grains	UV Resistance Test	IS 14887 (ANNEX C)
349	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Food Grains	UV Resistance Test	IS 14887 Annex-C
350	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Average Breaking strength of fabric (Widthwise after UV Exposure)	IS 14968
351	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Average Breaking strength of fabric (Lengthwise after UV Exposure)	IS 1969 (Part 1)
352	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Average Breaking strength of fabric (Lengthwise before UV Exposure)	IS 1969 Part-1
353	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Average Breaking strength of fabric (Widthwise before UV Exposure)	IS 1969 Part-1
354	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Dimensions (Inside Width)	IS 1954
355	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Dimensions (Inside Length)	IS 1954
356	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Elongation at break of Fabric (Lengthwise)	IS 1969(Part 1)
357	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Elongation at break of Fabric (Widthwise)	IS 1969
358	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Ends per dm & Picks per dm	IS 14968
359	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Fabric (Linear Density)	IS 7703 (Part 1)
360	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Mass of Sack (GSM)	IS 14968 Clause 4.2 table -1

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361	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Minimum Breaking Strength of Bottom Seam	IS 9030
362	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene (PP) Woven Sacks for Packaging of 50Kg/25Kg Sugar	UV Resistance Test	IS 14968 Annex-C
363	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PP-R CP for Hot & Cold Water water supplies	Acceptance Test (1 h. / 20° C)	IS 12235 (Part 8/Sec 1)
364	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PP-R CP for Hot & Cold Water water supplies	Acceptance Test (22 h. / 95° C)	IS 12235 (Part 8/Sec 1)
365	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PP-R CP for Hot & Cold Water water supplies	Impact Strength	IS 15801 (Annex B)
366	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PP-R CP for Hot & Cold Water water supplies	Opacity	IS 12235(Part 3)
367	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PP-R CP for Hot & Cold Water water supplies	Reversion	IS 12235 (Part 5/Sec 1)
368	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PP-R CP for Hot & Cold Water water supplies	Thermal Stability by Hydrostatic Pressure (8760 h./110 °C)*	IS 12235(Part 8/Sec 1)
369	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PP-R CP for Hot & Cold Water water supplies	Type test (1000 h. / 95° C)	IS 12235 (Part 8/Sec 1)
370	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PP-R CP for Hot & Cold Water water supplies	Type test (165 h. / 95° C)	IS 12235 (Part 8/Sec 1)
371	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Net Capacity	IS 12701 (clause 3.2)
372	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Density	IS 13360 (Part 3/Sec 10)
373	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Dimension of cylindrical vertical tank (Overall Diameter)	IS 12701 (Clause 5.1)
374	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Dimension of cylindrical vertical tank (Overall Height)	IS 12701 (Clause 5.1)
375	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Dimensions of cylindrical Vertical Tank (Minimum Internal Diameter of Man Hole)	IS 12701 (Clause 5.2)
376	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Dimensions of cylindrical Vertical Tank (Minimum Wall & Bottom thickness)	IS 12701 Clause 5.2
377	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Dimensions of cylindrical Vertical Tank (Minimum Wall & Bottom thickness)	IS 12701 Clause 5.2

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378	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Dimensions of cylindrical Vertical Tank (Minimum weight of Tank Without Lid)	IS 12701 Clause 5.2
379	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Dimensions of Rectangular Loft Tanks (Minimum Internal Dia of Hand Hole)`	IS 12701 Clause 5.2
380	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Dimensions of Rectangular Loft Tanks (Minimum Wall & Bottom Thickness)	IS 12701 Clause 5.2
381	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Dimensions of Rectangular Loft Tanks (Minimum weight of Tank Without Lid)	IS 12701 Clause 5.2
382	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Dimensions of Rectangular Loft Tanks (Overall Height)	IS 12701 Clause 5.2
383	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Dimensions of Rectangular Loft Tanks (Overall Length)	IS 12701 Clause 5.2
384	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Dimensions of Rectangular Loft Tanks (Overall Width)	IS 12701 Clause 5.2
385	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Flexural Modulus	IS 13360 (Part 5/Sec 7)
386	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Minimum Gross Capacity	IS 12701 (Clause 3.3)
387	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Resistance to Deformation	IS 12701 Clause 7.1
388	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Resistance to Impact	IS 12701 (Annex C)
389	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Rim Height	IS 12701 (Clause 3.8)
390	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Tensile Strength	IS 8543(Part 4/Sec 1)
391	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Test for Top Load Resistance	IS 12701 Clause 7.3
392	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Type Test	IS 12701 (Clause 8.2)
393	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Wall Thickness upto and above Effective Height	IS 12701 (Clause 5.4)
394	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Shade net for agriculture and horticulture purpose	Average breaking strength (warp)	IS 1969 (Part 1)

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395	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Shade net for agriculture and horticulture purpose	Busting Pressure	IS 1966 (Part 1)
396	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Shade net for agriculture and horticulture purpose	Fabric	IS 16008 (Part 1) (Clause 4.2)
397	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Shade net for agriculture and horticulture purpose	Heat Shrinkage of tape @60 degree	IS 16008 (part 1) (Clause 4.1.1)
398	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Shade net for agriculture and horticulture purpose	Mass	IS 1964
399	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Shade net for agriculture and horticulture purpose	Retention breaking strength (warp)	IS 1969 (Part 1)
400	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Shade net for agriculture and horticulture purpose	UV Resistance Test	IS 16008 (Part 1) (Annex B)
401	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Shade net for agriculture and horticulture purpose	Width	IS 16008 (Part 1)
402	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Shade net for agriculture and horticulture purpose	width of tape	IS 16008 (Part 1) (Clause 4.2)
403	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Shade net for agriculture and horticulture purpose	Linear density	IS 7703 (Part 1)
404	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Shade net for agriculture and horticulture purpose	Average breaking strength (weft)	IS 1969 (part 1)
405	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Shade net for agriculture and horticulture purpose	Heat Shrinkage of tape @95 degree	IS 16008 (part 1) (Clause 4.1.1)
406	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Shade net for agriculture and horticulture purpose	Retention breaking strength (weft)	IS 1969 (Part 1)
407	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Shade net for agriculture and horticulture purpose	types	IS 16008 (Part 1)(Clause 5.0)
408	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UNPLASTICIZED POLYVINYL CHLORIDE (PVC-U) PIPES FOR SOIL AND WASTE DISCHARGE SYSTEM FOR INSIDE AND OUTSIDE BUILDINGS INCLUDING VENTILATION AND RAIN WATER SYSTEM	Acceptance Test	IS 12235 (Part 8/Sec 1)
409	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UNPLASTICIZED POLYVINYL CHLORIDE (PVC-U) PIPES FOR SOIL AND WASTE DISCHARGE SYSTEM FOR INSIDE AND OUTSIDE BUILDINGS INCLUDING VENTILATION AND RAIN WATER SYSTEM	Resistance to External Blows at 0°C (Impact Test)	IS 12235 (Part 9)
410	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UNPLASTICIZED POLYVINYL CHLORIDE (PVC-U) PIPES FOR SOIL AND WASTE DISCHARGE SYSTEM FOR INSIDE AND OUTSIDE BUILDINGS INCLUDING VENTILATION AND RAIN WATER SYSTEM	Tensile Strength	IS 12235 (Part 13)

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411	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UNPLASTICIZED POLYVINYL CHLORIDE (PVC-U) PIPES FOR SOIL AND WASTE DISCHARGE SYSTEM FOR INSIDE AND OUTSIDE BUILDINGS INCLUDING VENTILATION AND RAIN WATER SYSTEM	Type Tests	IS 12235 (Part 8/Sec 1)
412	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (PVC-u) Screen and Casing Pipes for Bore/tube wells	Dimension (Wall Thickness)	IS 12235 Part 1
413	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (PVC-u) Screen and Casing Pipes for Bore/tube wells	Dimension (Outside Diameter at any Point)	IS 12235 Part 1
414	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (PVC-u) Screen and Casing Pipes for Bore/tube wells	Length of Pipe	IS 12235 Part 1
415	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (PVC-u) Screen and Casing Pipes for Bore/tube wells	Resistance to External Blows at 0 °C	IS 12235 (Part 9)
416	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (PVC-u) Screen and Casing Pipes for Bore/tube wells	Tensile Strength	IS 12235(Part 13)
417	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (PVC-U) Injection Moulded Fittings for Soil and Waste Discharge System for Inside and Outside Buildings Including Ventilation and Rainwater System	Dimension (Wall Thickness)	IS 12235 Part 1
418	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (PVC-U) Injection Moulded Fittings for Soil and Waste Discharge System for Inside and Outside Buildings Including Ventilation and Rainwater System	Impact Test (Drop Test)	IS 14735 (Annex C)
419	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (PVC-U) Injection Moulded Fittings for Soil and Waste Discharge System for Inside and Outside Buildings Including Ventilation and Rainwater System	Out-of-Roundness of Socket Inside Diameter	IS 12235 Part 1
420	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (PVC-U) Injection Moulded Fittings for Soil and Waste Discharge System for Inside and Outside Buildings Including Ventilation and Rainwater System	Pipe Clips (Mean Inside Diameter)	IS 12235 Part 1
421	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (PVC-U) Injection Moulded Fittings for Soil and Waste Discharge System for Inside and Outside Buildings Including Ventilation and Rainwater System	Water Tightness of Joint	IS 14735 (Annex D)
422	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (PVC-U) Injection Moulded Fittings for Soil and Waste Discharge System for Inside and Outside Buildings Including Ventilation and Rainwater System	Workmanship	IS 14735 (Clause 10)
423	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UNPLASTICIZED POLYVINYL CHLORIDE (PVC-U) PIPES FOR SOIL AND WASTE DISCHARGE SYSTEM FOR INSIDE AND OUTSIDE BUILDINGS INCLUDING VENTILATION AND RAIN WATER SYSTEM	Diameter of socket	IS 12235 Part 1

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424	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UNPLASTICIZED POLYVINYL CHLORIDE (PVC-U) PIPES FOR SOIL AND WASTE DISCHARGE SYSTEM FOR INSIDE AND OUTSIDE BUILDINGS INCLUDING VENTILATION AND RAIN WATER SYSTEM	Dimension (Diameter) of Pipe	IS 12235 Part 1
425	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UNPLASTICIZED POLYVINYL CHLORIDE (PVC-U) PIPES FOR SOIL AND WASTE DISCHARGE SYSTEM FOR INSIDE AND OUTSIDE BUILDINGS INCLUDING VENTILATION AND RAIN WATER SYSTEM	Dimension (Thickness) of Pipe	IS 12235 Part 1
426	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UNPLASTICIZED POLYVINYL CHLORIDE (PVC-U) PIPES FOR SOIL AND WASTE DISCHARGE SYSTEM FOR INSIDE AND OUTSIDE BUILDINGS INCLUDING VENTILATION AND RAIN WATER SYSTEM	Length of Pipe	IS 12235 Part 1
427	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UNPLASTICIZED POLYVINYL CHLORIDE (PVC-U) PIPES FOR SOIL AND WASTE DISCHARGE SYSTEM FOR INSIDE AND OUTSIDE BUILDINGS INCLUDING VENTILATION AND RAIN WATER SYSTEM	Wall thickness of Socket	IS 12235 Part 1
428	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for Water Supplies	Acceptance Test (Internal Hydrostatic Pressure Test)	12235 (Part 8/Sec 1)
429	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for Water Supplies	Density	IS 12235 (Part 14)
430	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for Water Supplies	Dimension (wall Thickness)	IS 12235 Part 1
431	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for Water Supplies	Dimension of Socket (mean socket inside diameter at mid point	IS 12235 Part 1
432	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for Water Supplies	Dimension of Socket (Minimum Dept of Engagement)	IS 12235 Part 1
433	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for Water Supplies	Dimension(Diameter)	IS 12235 Part 1
434	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for Water Supplies	Effective Length	IS 12235 Part 1
435	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for Water Supplies	Hardness of Sealing ring	IS 5382
436	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for Water Supplies	Inner Diameter of Socket for use with elastomaric Ring	IS 12235 Part 1
437	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for Water Supplies	Opacity	IS 12235 (Part 3)
438	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for Water Supplies	Pipe Ends	IS 12235 Part 1

National Accreditation Board for Testing and Calibration Laboratories

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439	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for Water Supplies	Resistance to External Blows at 0 °C	IS 4985 (ANNEX C)
440	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for Water Supplies	Reversion Test	IS 12235 (Part 5/Sec 1 & Sec 2)
441	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for Water Supplies	Type Test (Internal Hydrostatic Pressure Test)	IS 12235 (Part 8/Sec 1)