National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY, C -10/1, MIDC TADALI, CHANDRAPUR, MAHARASHTRA, 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	Container for Packaging of Natural Mineral Water & Packaged Drinking Water	Environmental Stress Cracking Resistance	IS 15410
2	CHEMICAL- PLASTIC & RESINS	Containers for Packing of Natural Mineral Water	Migration Test	IS 15410 (Annex A)
3	CHEMICAL- PLASTIC & RESINS	Containers for Packing of Natural Mineral Water	Water Potability Test	IS 15410 (Annex B)
4	CHEMICAL- PLASTIC & RESINS	Cured Reinforced Resins	Ignition Loss/ Loss on Ignition	ASTM D2584
5	CHEMICAL- PLASTIC & RESINS	Flexible Cellular Material made from Olefin Polymer	Water Absorption	ASTM D3575 Suffix L
6	CHEMICAL- PLASTIC & RESINS	Glass Reinforced Polyester Dough Moulding Compounds (DMC)	Density	IS 13411
7	CHEMICAL- PLASTIC & RESINS	Glass Reinforced Polyester Dough Moulding Compounds (DMC)	Flammability by Oxygen Index	IS 13411
8	CHEMICAL- PLASTIC & RESINS	Glass Reinforced Polyester Dough Moulding Compounds (DMC)	Glass Content	IS 13411
9	CHEMICAL- PLASTIC & RESINS	Glass Reinforced Polyester Dough Moulding Compounds (DMC)	Water Absorption	IS 13411 (Annexure D)
10	CHEMICAL- PLASTIC & RESINS	Glass Reinforced Polyester Sheet Molding Compound (SMC)	Glass Content	IS 13410
11	CHEMICAL- PLASTIC & RESINS	Glass Reinforced Polyester Sheet Molding Compound (SMC)	Water Absorption	IS 13410
12	CHEMICAL- PLASTIC & RESINS	HDPE Material for Moulding & Extrusion	Carbon Black Content	IS 7328 Amd. 2
13	CHEMICAL- PLASTIC & RESINS	HDPE Materials for Moulding and Extrusion	Density	IS 13360 (Part 3, Section 11)
14	CHEMICAL- PLASTIC & RESINS	HDPE Pipe for Sewerage	Carbon Black Dispersion	IS 14333
15	CHEMICAL- PLASTIC & RESINS	HDPE Pipe for Sewerage	Carbon Black Content	IS 14333
16	CHEMICAL- PLASTIC & RESINS	HDPE Pipes for Potable Water Supplies	Overall Migration	IS 4984
17	CHEMICAL- PLASTIC & RESINS	HDPE Pipes for Potable Water Supplies	Carbon Black Content	IS 4984
18	CHEMICAL- PLASTIC & RESINS	HDPE Woven Beds for Vermiculture	Environmental Stress Cracking	IS 15907

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19	CHEMICAL- PLASTIC & RESINS	HDPE/ PP Woven Sacks for Packing Fertilizers	Ash Content	IS 9755 (Annexure C)
20	CHEMICAL- PLASTIC & RESINS	HDPE/PP Woven Sacks for Packaging of 25 Kg Polymer Material	Ash Content	IS 16703
21	CHEMICAL- PLASTIC & RESINS	High Density Poly Ethylene (HDPE) Laminated Lay Flat Tube for Irrigation Purpose	Environmental Stress Cracking Test	IS 16190 (Annexure D)
22	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene (HDPE) Geo- membranes for Lining	Carbon Black Content	IS 16352
23	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene (HDPE) Geo- membranes for Lining	ESCR	IS 16352 (Annex K)
24	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene (HDPE) Geo-membranes for Lining	Carbon Black Dispersion	IS 16352
25	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene (HDPE) Geo-membranes for Lining	Oxidation Induction Time	IS 16352
26	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene (HDPE)/ Polypropylene (PP)Woven Sacks for Filling Sand	Ash Content	IS 14252
27	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene (HDPE)/ Poly Propylene (PP) Woven Sacks for Packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg Food Grains	Ash Content	IS 16208 (Annexure D)
28	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packing 50 kg Food Grains	Ash Content	IS 14887
29	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packing 50 kg/ 25 kg Sugar	Ash Content	IS 14968
30	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment - Emitting Pipe Systems	Environmental Stress Cracking Resistance	IS 13488
31	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment Polyethylene Pipes for irrigation Laterals	Carbon Black Dispersion	IS 12786
32	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment Polyethylene Pipes for Irrigation Laterals	Environmental Stress Cracking Resistance	IS 12786 (Annexure D)
33	CHEMICAL- PLASTIC & RESINS	Laminated HDPE Geo- membrane for Water Proof Lining	Carbon Black Content	IS 15351
34	CHEMICAL- PLASTIC & RESINS	Low Density Polyethylene Film	Carbon Black Content	IS 2530
35	CHEMICAL- PLASTIC & RESINS	Low Density Polyethylene Film	Ash Content	IS 13360 (Part 8, Section 8)
36	CHEMICAL- PLASTIC & RESINS	Low Density Polyethylene Film	Ash Content	IS 2508

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37	CHEMICAL- PLASTIC & RESINS	Low Density Polyethylene Film	Carbon Black Content	ASTM D1603
38	CHEMICAL- PLASTIC & RESINS	Low Density Polyethylene Film	Carbon Black Content	IS 2508
39	CHEMICAL- PLASTIC & RESINS	Low Density Polyethylene Film	Carbon Black Dispersion	ASTM D1603
40	CHEMICAL- PLASTIC & RESINS	Low Density Polyethylene Film	Carbon Black Dispersion	IS 2530
41	CHEMICAL- PLASTIC & RESINS	Low Density Polyethylene Film	Carbon Black Dispersion	IS 7328 (Annexure B)
42	CHEMICAL- PLASTIC & RESINS	Non-cellular Plastics	Density	IS 13360 (Part 3, Section 10)
43	CHEMICAL- PLASTIC & RESINS	Olefin Plastics	Carbon Black Content	ASTM D1603
44	CHEMICAL- PLASTIC & RESINS	PE Pipe for Sprinkler Irrigation System	Carbon Black Content	IS 14151 (Part 1)
45	CHEMICAL- PLASTIC & RESINS	Plastic Resin & Products	Ash Content	ISO 3451-1
46	CHEMICAL- PLASTIC & RESINS	Plastic Resin & Products	Ash Content	ISO 3451-1
47	CHEMICAL- PLASTIC & RESINS	Plastics	Ash Content	ASTM D5630
48	CHEMICAL- PLASTIC & RESINS	Plastics	Moisture Content	ASTM D6980
49	CHEMICAL- PLASTIC & RESINS	Plastics	Oxygen Index	ASTM D2863
50	CHEMICAL- PLASTIC & RESINS	Plastics	Water Absorption	ASTM D570
51	CHEMICAL- PLASTIC & RESINS	Plastics and Resins	Compositional Analysis by Thermogravimetry	ASTM E1131
52	CHEMICAL- PLASTIC & RESINS	Plastics and Resins	Identification of Polymeric Materials	ASTM E1252
53	CHEMICAL- PLASTIC & RESINS	Plastics and Resins	Quantitative Analysis by FTIR	ASTM E168
54	CHEMICAL- PLASTIC & RESINS	Poly Olefins	Oxidative Induction Time	ASTM D3895
55	CHEMICAL- PLASTIC & RESINS	Polyethylene Containers for the Transport of Materials	Environmental Stress Cracking Test	IS 6312 (Annex K)

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56	CHEMICAL- PLASTIC & RESINS	Polyethylene Containers for the Transport of Materials	Carbon Black Content	IS 6312
57	CHEMICAL- PLASTIC & RESINS	Polyethylene Micro Tubes for Drip Irrigation	Carbon Black Content	IS 14482
58	CHEMICAL- PLASTIC & RESINS	Polyethylene Micro Tubes for Drip Irrigation	Carbon Black Dispersion	IS 14482
59	CHEMICAL- PLASTIC & RESINS	Polyethylene Micro Tubes for Drip Irrigation	Environmental Stress Cracking Test	IS 14482
60	CHEMICAL- PLASTIC & RESINS	Polyethylene Mulch Films for Agriculture and Horticulture Purpose	Ash Content	IS 17216 (Annexure A)
61	CHEMICAL- PLASTIC & RESINS	Polyethylene Mulch Films for Agriculture and Horticulture Purpose	Carbon Black Content	IS 17216
62	CHEMICAL- PLASTIC & RESINS	Polyethylene Mulch Films for Agriculture and Horticulture Purpose	Carbon Black Dispersion	IS 17216
63	CHEMICAL- PLASTIC & RESINS	Polyethylene Mulch Films for Agriculture and Horticulture Purpose	Density	IS 17216
64	CHEMICAL- PLASTIC & RESINS	Polyethylene Pipe for Supply of Gaseous Fuels	Thermal Stability to Oxidation	IS 14885
65	CHEMICAL- PLASTIC & RESINS	Polyethylene Pipes for the Supply of Gaseous Fuels	Volatile Loss/ Volatile Content	IS 14885
66	CHEMICAL- PLASTIC & RESINS	Polyethylene Pipes for Water Supply	Volatile Matter Content	IS 4984 (Annex C)
67	CHEMICAL- PLASTIC & RESINS	Polyethylene Pipes for Water Supply	Carbon Black Dispersion	IS 4984
68	CHEMICAL- PLASTIC & RESINS	Polyethylene Pipes for Water Supply	Thermal Stability (OIT)	IS 4984 (Annex B)
69	CHEMICAL- PLASTIC & RESINS	Polyethylene Plastic Pipe	Slow Crack Growth Resistance	ASTM F1474
70	CHEMICAL- PLASTIC & RESINS	Polypropylene Random Co-polymer (PPRC) Pipes for Hot and Cold Supplies	Overall Migration Test	IS 15801
71	CHEMICAL- PLASTIC & RESINS	Polypropylene Random Co-polymer Pipes for Hot and Cold Water Supplies	Carbon Black Dispersion	IS 15801
72	CHEMICAL- PLASTIC & RESINS	Polyvinyl Chloride (PVC) and its Co-polymers for its Safe use in Contact with Foodstuffs, Pharmaceuticals and Drinking Water	Overall Migration	IS 10151
73	CHEMICAL- PLASTIC & RESINS	Polyvinyl Chloride (PVC) and its Co-polymers for its Safe use in Contact with Foodstuffs, Pharmaceuticals and Drinking Water	VCM Content	IS 10151

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74	CHEMICAL- PLASTIC & RESINS	PVC Geo Membrane for Lining	Volatile Loss	IS 15909
75	CHEMICAL- PLASTIC & RESINS	PVC Geo Membrane for Lining	Water Extraction	IS 15909 (Annex G)
76	CHEMICAL- PLASTIC & RESINS	PVC Resin	Sulphated Ash Content	IS 4669
77	CHEMICAL- PLASTIC & RESINS	PVC Resin	Loss in Weight on Heating	IS 4669
78	CHEMICAL- PLASTIC & RESINS	PVC Resins	K-value	IS 4669
79	CHEMICAL- PLASTIC & RESINS	Rotational Moulded Polyethylene Water Storage Tanks, Plastics Materials and Articles Intended to Come in Contact with Foodstuffs	Overall Migration	IS 12701
80	CHEMICAL- PLASTIC & RESINS	Roto Moulded PE Water Storage Tanks	Carbon Black Content	IS 12701
81	CHEMICAL- PLASTIC & RESINS	Roto Moulded PE Water Storage Tanks	Carbon Black Dispersion	IS 12701
82	CHEMICAL- PLASTIC & RESINS	Roto Moulded PE Water Storage Tanks	Carbon Black Dispersion	IS 2530
83	CHEMICAL- PLASTIC & RESINS	Solid Plastic (Sheets, Rods, Tubes, or Molded Items)	Density and Specific Gravity (Relative Density)	ASTM D792
84	CHEMICAL- PLASTIC & RESINS	Solid Plastics	Density	ASTM D1505
85	CHEMICAL- PLASTIC & RESINS	Sprinkler Pipes	Carbon Black Dispersion	IS 14151 (Part 1)
86	CHEMICAL- PLASTIC & RESINS	Thermoplastic Pipes and Fittings	Ash Content & Sulphated Ash Content	IS 12235 (Part 17)
87	CHEMICAL- PLASTIC & RESINS	Thermoplastic Pipes and Fittings	Resistance to Sulphuric Acid	IS 12235 (Part 7)
88	CHEMICAL- PLASTIC & RESINS	Thermosetting Synthetic Resin Bonded Laminated Sheets	Water Absorption	IS 1998
89	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 Dichloromethane	IS 13592
90	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	IS 13592
91	CHEMICAL- PLASTIC & RESINS	UPVC Injection Moulded Fittings for SWR	Sulphated Ash Content	IS 14735

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92	CHEMICAL- PLASTIC & RESINS	UPVC Pipes for Potable Water Supplies	Sulphated Ash Content	IS 4985 (Annex B)
93	CHEMICAL- PLASTIC & RESINS	UPVC Pipes for SWR System Flexible PVC Pipes or Polymer Reinforced Thermoplastic Hoses for Agriculture Pumps	Effect of Sunlight	IS 13592
94	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Chlorinated Polyvinyl Chloride (CPVC) Pipes for Potable Hot and Cold Water Distribution Supplies	Hydrostatic Characteristics for Pipe and Thermal Stability	IS 12235 (Part 8, Section 1)
95	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Chlorinated Polyvinyl Chloride (CPVC) Pipes for Potable Hot and Cold Water Distribution Supplies	Flattening Test	IS 12235 (Part 19)
96	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Chlorinated Polyvinyl Chloride (CPVC) Pipes for Potable Hot and Cold Water Distribution Supplies	Hydrostatic Characteristics for Pipe and Thermal Stability	IS 15778
97	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Chlorinated Polyvinyl Chloride (CPVC) Pipes for Potable Hot and Cold Water Distribution Supplies	Nominal Diameter/ Outside Diameter	IS 15778
98	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Chlorinated Polyvinyl Chloride (CPVC) Pipes for Potable Hot and Cold Water Distribution Supplies	Reversion Test	IS 12235 (Part 5, Section 1 & 2)
99	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Chlorinated Polyvinyl Chloride (CPVC) Pipes for Potable Hot and Cold Water Distribution Supplies	Visual Appearance	IS 15778
100	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Chlorinated Polyvinyl Chloride (CPVC) Pipes for Potable Hot and Cold Water Distribution Supplies	Wall Thickness	IS 15778
101	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Cladding Film for Greenhouse/ Poly house	Haze Percentage	IS 13360 (Part 5, Section 3)
102	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Cladding Films for Greenhouse/ Poly house	Elongation at Break	IS 15827
103	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Cladding Films for Greenhouse/ Poly house	Tensile Strength	IS 15827
104	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Container for Packaging of Natural Mineral Water & Packaged Drinking Water	Brimful Capacity	IS 2798
105	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Container for Packaging of Natural Mineral Water & Packaged Drinking Water	Leakage Test	IS 2798
106	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Container for Packaging of Natural Mineral Water & Packaged Drinking Water	Transparency	IS 15410 (Annexure A)
107	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Container for Packaging of Natural Mineral Water & Packaged Drinking Water	Visual Appearance	IS 15410
108	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Container for Packaging of Natural Mineral Water & Packaged Drinking Water	Wall Thickness	IS 2798
109	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fiber Reinforced Plastics	Rockwell Hardness	ASTM D785
110	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fibre Ropes Polyamide 3-, 4-, 8- and 12- Strand Ropes, Polypropylene Ropes	Linear Density	IS 4572

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111	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible Cellular Materials Made from Olefin Polymers	Compressive Strength	ASTM D3575
112	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Glass Reinforced Polyester Dough Moulding Compounds (DMC)	Flexural Strength	IS 13411 (Annexure F)
113	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Glass Reinforced Polyester Dough Moulding Compounds (DMC)	Heat Deflection Temperature	IS 13411
114	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Glass Reinforced Polyester Dough Moulding Compounds (DMC)	Modulus of Elasticity	IS 13411
115	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Glass Reinforced Polyester Sheet Moulding Compounds (SMC)	Heat Distortion Temperature	IS 13411 (Annexure H)
116	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Glass Reinforced Polyester Sheet Moulding Compounds (SMC)	Oxygen Index	IS 13360 (Part 6, Section 6)
117	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Glass Reinforced Polyester Sheet Moulding Compounds (SMC)- Izod Impact Strength	Izod Impact Strength	IS 13411 (Annexure E)
118	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Glass Reinforced Polyester Sheet Moulding Compounds (SMC)	Flexural Strength	IS 13410
119	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Glass Reinforced Polyester Sheet Moulding Compounds (SMC)	Heat Distortion Temperature	IS 13410
120	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Glass Reinforced Polyester Sheet Moulding Compounds (SMC)	Modulus of Elasticity	IS 13410
121	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Glass Reinforced Polyester Sheet Moulding Compounds (SMC)	Tensile Strength	IS 13410
122	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Laminated Woven Lay Flat Tube for Irrigation Purpose	Elongation	IS 1969 (Part 1)
123	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Laminated Woven Lay Flat Tube for Irrigation Purpose	Internal Diameter	IS 16190
124	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Laminated Woven Lay Flat Tube for Irrigation Purpose	Retension of Breaking Strength	IS 16190
125	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Pipes for Sewerage	Length	IS 14333
126	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Pipes for Sewerage	Hydrostatic Characteristics	IS 14333
127	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Pipes for Sewerage	Melt Flow Rate	IS 14333
128	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Pipes for Sewerage	Outside Diameter/ Nominal Diameter	IS 14333
129	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Pipes for Sewerage	Reversion Test	IS 14333

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130	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Pipes for Sewerage	Wall Thickness	IS 14333
131	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Tarpaulins	Width/ Length	IS 7903
132	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Tarpaulins	Mass of Finished Tarpaulin/ Laminated Fabric	IS 7903 (Annexure B & C)
133	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Tarpaulins	Number of Layers	IS 7903
134	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Woven beds for Vermiculture	Colour Fastness to Artificial Light	IS/ISO 105 (Part B02)
135	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Woven Beds for Vermiculture	Breaking Strength	IS 1969 (Part 1)
136	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Woven Beds for Vermiculture	Burst Strength	IS 15907
137	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Woven Beds for Vermiculture	Dimensions	IS 15907
138	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Woven Beds for Vermiculture	Elongation	IS 1969 (Part 1)
139	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Woven Beds for Vermiculture	Environmental Stress Cracking Test	IS 15907 (Annexure D)
140	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Woven Beds for Vermiculture	Mass	IS 1964
141	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Woven Beds for Vermiculture	Puncture Strength	IS 15907 (Annexure C)
142	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks for Filling Sand	Linear Density	IS 14252
143	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks for Filling Sand	End per dm/ Picks per dm	IS 14252 (Annexure B)
144	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks for Filling Sand	Mass of Sack	IS 14252 (Annexure E)
145	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks for Packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg Food Grains	Capacity/ Nominal Capacity	IS 16208
146	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks for Packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg Food Grains	Capacity/ Nominal Capacity	IS 16208
147	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks for Packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg Food Grains	Breaking Strength	IS 1969 (Part 1)
148	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks for Packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg Food Grains	Breaking Strength	IS 9030

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149	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks for Packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg Food Grains	Dimensions	IS 16208 (Annexure B)
150	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks for Packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg Food Grains	Elongation at Break %	IS 1969 (Part 1)
151	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks for Packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg Food Grains	Ends per dm/ Picks per dm	IS 16208 (Annexure B)
152	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks for Packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg Food Grains	Linear Density	IS 16208
153	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks for Packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg Food Grains	Mass per unit area	IS 1964
154	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks for Packaging 50 kg/25 kg Sugar	Mass of Sack	IS 1964
155	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks for Packaging of 25 kg Polymer Material	Capacity/ Nominal Capacity	IS 16703
156	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks for Packaging of 25 kg Polymer Material	Ends per dm/ Pics per dm	IS 16703 (Annexure B)
157	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks for Packaging of 50 kg Food Grains	Breaking Strength	IS 14887
158	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks for Packaging of 50 kg Food Grains	Breaking Strength	IS 1969 (Part 1)
159	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks for Packaging of 50 kg Food Grains	Breaking Strength	IS 9030
160	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks for Packaging of 50 kg Food Grains	Capacity	IS 14887
161	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks for Packaging of 50 kg Food Grains	Dimensions	IS 14887 (Annexure B)
162	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks for Packaging of 50 kg Food Grains	Elongation	IS 14887
163	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks for Packaging of 50 kg Food Grains	Ends per dm/ Pics per dm	IS 14887 (Annexure B)
164	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks for Packaging of 50 kg Food Grains	Mass of Sack	IS 1964
165	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks for Packing Fertilizers	Breaking Strength	IS 9030
166	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks for Packing Fertilizers	Capacity	IS 9755
167	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks for Packing Fertilizers	Dimensions	IS 9755

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168	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks for Packing Fertilizers	Ends per dm/ Pics per dm	IS 9755 (Annexure B)
169	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks for Packing Fertilizers	Mass of Fabric	IS 1964
170	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks for Packing 50 kg Food Grains	Linear Density	IS 14887
171	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks for Packing 50 kg Food Grains	Mass of Sack	IS 1964
172	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks for Packing 50 kg/ 25 kg Sugar	Capacity/ Nominal Capacity	IS 14968
173	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks for Packing 50 kg/25 kg Sugar	Ends per dm/ Picks per dm	IS 14968 (Annexure B)
174	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks for Packing Fertilizers	Visual Appearance	IS 9755
175	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks for Packing Fertilizers	Linear Density	IS 9755
176	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Crates for Milk Sachets	Dimension	IS 11584
177	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Crates for Milk Sachets	Dimensional Stability	IS 11584 (Appendix D)
178	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Crates for Milk Sachets	Resistance to Applied Load	IS 11584 (Appendix B)
179	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Crates for Milk Sachets	Resistance to Stress	IS 11584 (Appendix A)
180	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Crates for Milk Sachets	Visual Appearance	IS 11584
181	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Geo- membranes for Lining	Dimensions	IS 7016 (Part 1)
182	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Geo- membranes for Lining	Environmental Stress Cracking Resistance	IS 16352 (Annexure J)
183	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Geo-membranes for Lining	Elongation	IS 16352
184	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Geo-membranes for Lining	Tensile Strength	IS 16352
185	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Laminated Lay Flay Tube for Irrigation Purpose	Cold Cracking Resistance Test @ -5 °C	IS 16190
186	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Laminated Lay Flay Tube for Irrigation Purpose	Length	IS 16190

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187	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Laminated Lay Flay Tube for Irrigation Purpose	Mass	IS 16190
188	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE) Polypropylene (PP) Woven Sacks for Packaging of 25 kg Polymer Materials	Dimensions	IS 16703
189	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polyethylene (PP) Woven Sack for Filling Sand	Outside Length/ Width	IS 14252 (Annexure B)
190	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 kg Cement	Depth of the Valve	IS 11652
191	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 kg Cement	Elongation	IS 11652
192	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 kg Cement	Length of the Sack (Inside)	IS 11652
193	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 kg Cement	Mass	IS 11652
194	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 kg Cement	Width of Gusset	IS 11652
195	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 kg Cement	Width of Sack	IS 11652
196	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 kg Cement	Width of Valve	IS 11652
197	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 kg Food Grains	Elongation at Break	IS 14887
198	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 kg Food Grains	Inside Length/ Width	IS 14887
199	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packing 50 kg Food Grains	Ends per dm/ Picks per dm	IS 14887 (Annexure B)
200	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packing 50 kg Food Grains	Capacity/ Nominal Capacity	IS 14887
201	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packing 50 kg/25 kg Sugar	Dimensions	IS 14968 (Annexure B)
202	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Injection Moulded PVC Socket Fitting with Solvent Cement Joints for Water Supplies	Short Term Hydrostatic Characteristics	IS 7834 (Part 1)
203	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Injection Moulded PVC Socket Fitting with Solvent Cement Joints for Water Supplies	Hydrostatic Characteristics	IS 7834 (Part 1-8)
204	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Injection Moulded PVC Socket Fitting with Solvent Cement Joints for Water Supplies	Opacity	IS 7834 (Part 1, Appendix B)
205	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Injection Moulded PVC Socket Fitting with Solvent Cement Joints for Water Supplies	Visual Appearance	IS 7834 (Part 1)

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206	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment Polyethylene pipes for irrigation Laterals	Reversion Test	IS 12786
207	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Emitters	Resistance to Hydrostatic Pressure	IS 13487
208	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Emitting Pipe	Resistance to Hydrostatic Pressure	IS 13488
209	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Emitting Pipe Systems	Dimensions	IS 13488
210	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes	Melt Flow Index	IS 2530
211	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes Polyethylene Pipes	Tensile Strength	IS 14151 (Part 1)
212	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment Polyethylene Pipes for Irrigation Laterals	Dimensions	IS 12786
213	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment Polyethylene Pipes for Irrigation Laterals	Visual Appearance	IS 12786
214	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment Sprinkler Pipes	Reversion Test	IS 14151 (Part 1)
215	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment Sprinkler Pipes (QCPE Pipes and Fittings)	Dimensions	IS 14151 (Part 1)
216	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment Sprinkler Pipes (Quick Coupled Poly Ethylene Pipes and Fittings)	Dimensions	IS 14151 (Part 2)
217	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment Sprinkler Pipes (Quick Coupled Poly Ethylene Pipes and Fittings)	Dimensions	IS 8008 (Part 2)
218	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment Sprinkler Pipes (Quick Coupled Poly Ethylene Pipes and Fittings)	Dimensions	IS 8008 (Part 3)
219	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment Sprinkler Pipes (Quick Coupled Poly Ethylene Pipes and Fittings)	Dimensions	IS 8008 (Part 4)
220	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment Sprinkler Pipes (Quick Coupled Poly Ethylene Pipes and Fittings)	Dimensions	IS 8008 (Part 5)
221	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment Sprinkler Pipes (Quick Coupled Poly Ethylene Pipes and Fittings)	Dimensions	IS 8008 (Part 6)
222	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment Sprinkler Pipes (Quick Coupled Poly Ethylene Pipes and Fittings)	Dimensions	IS 8008 (Part 9)
223	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment Sprinkler Pipes (Quick Coupled Poly Ethylene Pipes and Fittings)	Dimensions	IS 8360 (Part 3)
224	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment Sprinkler Pipes (Quick Coupled Poly Ethylene Pipes and Fittings)	Hydraulic Proof Test	IS 14151

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225	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment Sprinkler Pipes (Quick Coupled Poly Ethylene Pipes and Fittings)	Leakage Test	IS 14151
226	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment Sprinkler Pipes (Quick Coupled Poly Ethylene Pipes and Fittings)	Visual Appearance	IS 14151
227	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Laminated HDPE Woven Geo- membrane for Water Proof Lining	Burst Strength	IS 15351
228	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Laminated HDPE Woven Geo- membrane for Water Proof Lining	Mass per unit area	IS 7016 (Part 1, Section 2)
229	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Laminated High Density Polyethylene (HDPE) Geo-membrane for Water Proof Lining	Length/ Width	IS 15351
230	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Laminated High Density Polyethylene (HDPE) Geo-membrane for Water Proof Lining	Thickness	IS 15351
231	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Laminated High Density Polyethylene (HDPE) Geo-membrane for Water Proof Lining	Visual Appearance	IS 15351
232	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Low Density Polyethylene Film	Puncture Resistance	IS 2508 (Annexure C)
233	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Low Density Polyethylene Film	Ageing Test	IS 7016 (Part 8)
234	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Low Density Polyethylene Film	Elongation	IS 13360 (Part 5, Section 1)
235	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Low Density Polyethylene Film	Tear Strength	IS 2508 (Annexure B)
236	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets/ Tarpaulins/ Covers/ Agricultural Films	Elongation	IS 13360 (Part 5, Section 1)
237	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets/ Tarpaulins/ Covers/ Agricultural Films	Elongation	IS 14611 (Annexure G)
238	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets/ Tarpaulins/ Covers/ Agricultural Films	Mass	IS 14611
239	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets/ Tarpaulins/ Covers/ Agricultural Films	Dart Impact Strength	IS 14611
240	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets/ Tarpaulins/ Covers/ Agricultural Films	Strength of Joint	IS 14611
241	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets/ Tarpaulins/ Covers/ Agricultural Films	Tensile Strength	IS 14611
242	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Pipes made of Unplasticized Polyvinyl Chloride (PVC-U), Oriented Unplasticized Polyvinyl Chloride (PVC-O), Chlorinated Polyvinyl Chloride (PVC-C) and High-Impact Polyvinyl Chloride) (PVC-HI)	Elongation	ISO 6259

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243	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Pipes made of Unplasticized Polyvinyl Chloride (PVC-U), Oriented Unplasticized Polyvinyl Chloride (PVC-O), Chlorinated Polyvinyl Chloride (PVC-C) and High-Impact Polyvinyl Chloride) (PVC-HI)	Tensile Strength	ISO 6259
244	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Film and Sheeting	Static and Kinetic Coefficients of Friction	ASTM D1894
245	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Film and Sheeting	Tear Resistance (Graves Tear)	ASTM D1004
246	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Film for Green Houses	Melt Flow Index	IS 15827
247	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Films and Solid Plastics	Specular Gloss	ASTM D2457
248	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Flooring and Wall Tiles	Thickness	IS 3464
249	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material & Products	Barcol Hardness	ASTM D2583
250	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material & Products	Compressive Strength	ASTM D695
251	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material & Products	Heat Deflection Temperature	ASTM D648
252	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material & Products	Melt Flow Rate	ASTM D1238
253	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material & Products	Vicat Softening Temperaure	ASTM D1525
254	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Powders and Resins	Bulk Density	ASTM D6683
255	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Product and Granules	Melting Point/ Identification of Material	ASTM D3418
256	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Products	Exposure to UV Radiation and Weathering	ASTM G154
257	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Ball Indentation Hardness	IS 13360 (Part 5, Section 12)
258	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Charpy Impact Resistance of Notched Specimens	ASTM D6110
259	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Charpy Impact Strength	ISO 179
260	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Dart Impact	IS 13360 (Part 5, Section 6)

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261	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Durometer (Shore A & D Hardness)	IS 13360 (Part 5, Section 11)
262	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Elongation	ISO 527
263	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Flexural Modulus	IS 13360 (Part 5, Section 7)
264	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Flexural Modulus	IS 13360 (Part 5, Section 7)
265	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Haze Percentage	IS 13360 (Part 5, Section 3)
266	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Izod Impact Strength	ASTM D256
267	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Izod Impact Strength	ISO 180
268	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Luminous Transmittance & Haze	IS 13360 (Part 9, Section 5)
269	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Melt Flow Index	IS 13360 (Part 4, Section 1, Sub Section 1)
270	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Melt Flow Index	IS 13360 (Part 4, Section 1, Sub- Section 1)
271	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Rate of Burning and/or Extent and Time of Burning	ASTM D635
272	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Rockwell Hardness Test	IS 13360 (Part 5, Section 13)
273	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Vicat Softening Temperature	IS 13360 (Part 6, Section 1)
274	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Vicat Softening Temperature	IS 13360 (Part 6, Section 1)
275	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics - Determination of Tensile Properties	Tensile Strength	ISO 527-1
276	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics Films and Sheets	Coefficient of Friction	IS 13360 (Part 11, Section 1)
277	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics Intended for Indoor Applications	Xenon-Arc Exposure	ASTM D4459
278	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics Intended for Outdoor Applications	Xenon-Arc Exposure	ASTM D2565
279	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics Materials & Products	Tensile Strength	ASTM D638

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280	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics/ Adhesive Bond	Impact Strength	ASTM D950
281	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics/ Polymer	Burning Behaviour by Oxygen Index	ISO 4589 (Part 1, 2 & 3)
282	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics/ Polymer	Exposure to Laboratory Light Sources - Xenon-arc Lamps	ISO 4892 (Part 2)
283	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics/ Polymer	Gloss Value	ISO 2813
284	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics/ Polymer/ Paint	Specular Gloss	ASTM D523
285	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Poly Ethylene Ropes	Length/ Pitch	IS 8674
286	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Poly Propylene Ropes	Length/ Pitch	IS 5175
287	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyamide Multifilament Ropes	Length/ Pitch	IS 4572
288	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyester Ropes	Length/ Pitch	IS 11066
289	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Cane	Melt Flow Index	IS 5378
290	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Cane	Tensile Strength at Break	IS 5378
291	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Cane	Thickness	IS 5378
292	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Cane	Width	IS 5378
293	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Containers for the Transport of Materials	Closure Leakage Test	IS 6312
294	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Containers for the Transport of Materials	Hydrostatic Test	IS 6312
295	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Containers for the Transport of Materials	Stacking Test	IS 6312
296	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Containers for the Transport of Materials	Visual Appearance	IS 6312
297	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films and Sheets	Thickness	IS 2508
298	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films and Sheets	Width/ Length	IS 2508

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299	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Flexible Pouches for the Packing of Natural Mineral Water and Packaged Drinking Water	Stack Load Test	IS 15609
300	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Flexible Pouches for the Packing of Natural Mineral Water and Packaged Drinking Water	Test for Ink Adhesion for Printed Pouches	IS 15609
301	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Flexible Pouches for the Packing of Natural Mineral Water and Packaged Drinking Water	Test for Water Potability	IS 15609
302	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Flexible Pouches for the Packing of Natural Mineral Water and Packaged Drinking Water	Visual Appearance	IS 15609
303	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Material for Moulding and Extrusion	Density	IS 7328
304	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Moulding Materials and Polyethylene Compounds	Elongation	IS 2530
305	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Moulding Materials and Polyethylene Compounds	Tensile Strength	IS 2530
306	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Mulch Films for Agriculture and Horticulture Purpose	Dimensions	IS 17216
307	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Mulch Films for Agriculture and Horticulture Purpose	Elmendrof Tear Strength	IS 13360 (Part 9, Section 5)
308	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Mulch Films for Agriculture and Horticulture Purpose	Elongation	IS 13360 (Part 5, Section 3)
309	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Mulch Films for Agriculture and Horticulture Purpose	Elongation	IS 17216
310	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Mulch Films for Agriculture and Horticulture Purpose	Impact Strength	IS 13360 (Part 5, Section 6)
311	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Mulch Films for Agriculture and Horticulture Purpose	Impact Strength	IS 17216
312	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Mulch Films for Agriculture and Horticulture Purpose	Melt Flow Index	IS 13360 (Part 4, Section 1, Sub- Section 1)
313	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Mulch Films for Agriculture and Horticulture Purpose	Melt Flow Index	IS 17216
314	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Mulch Films for Agriculture and Horticulture Purpose	Opacity	IS 13360 (Part 5, Section 23)
315	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Mulch Films for Agriculture and Horticulture Purpose	Tensile Strength	IS 13360 (Part 5, Section 3)
316	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Mulch Films for Agriculture and Horticulture Purpose	Tensile Strength at Break	IS 17216
317	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Mulch Films for Agriculture and Horticulture Purpose	Visual Appearance	IS 17216

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318	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Irrigation Laterals	Hydraulic Characteristics	IS 12786 (Annexure C)
319	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for the Supply of Gaseous Fuel	Reversion Test	IS 14885
320	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for the Supply of Gaseous Fuels	Elongation	IS 14885
321	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for the Supply of Gaseous Fuels	Hydraulic Characteristics (Type Test, Acceptance Test)	IS 14885
322	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for the Supply of Gaseous Fuels	Length of Pipe	IS 14885
323	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for the Supply of Gaseous Fuels	Melt Flow Index	IS 14885
324	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for the Supply of Gaseous Fuels	Nominal Diameter	IS 14885
325	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for the Supply of Gaseous Fuels	Tensile Strength	IS 14885
326	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for the Supply of Gaseous Fuels	Wall Thickness	IS 14885
327	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Elongation	IS 4984 (Annexure H)
328	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Internal Pressure Creep Rupture Test/ Hydrostatic Characteristics	IS 4984 (Annexure E)
329	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Melt Flow Index	IS 2530
330	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Reversion Test	IS 4984 (Annexure F)
331	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Tensile Strength for Butt Fusion	IS 4984 (Annexure G)
332	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Visual Appearance	IS 4984
333	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pouches for Packaging Liquid Milk	Ink Adhesion of Milk Pouches	IS 11805
334	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pouches for Packaging Liquid Milk	Leakage Test	IS 11805
335	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pouches for Packaging Liquid Milk	Thickness	IS 11805

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336	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pouches for Packaging Liquid Milk	Width	IS 11805
337	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyolefin Pipes for the Conveyance of Fluids	Resistance to Crack Propagation	ISO 13479
338	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene Random Co- polymer Pipes for Hot and Cold Water Supplies	Length	IS 15801
339	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene Random Co- polymer Pipes for Hot and Cold Water Supplies	Nominal Diameter/ Outside Diameter	IS 15801
340	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene Random Co- polymer Pipes for Hot and Cold Water Supplies	Reversion Test	IS 15801
341	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene Random Co- polymer Pipes for Hot and Cold Water Supplies	Visual Appearance/ Workmanship/ Finish	IS 15801
342	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene Random Co- polymer Pipes for Hot and Cold Water Supplies	Wall Thickness	IS 15801
343	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Pressure Sensitive Adhesive Tapes with Plastic Base	Elongation	IS 13262
344	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Pressure Sensitive Adhesive Tapes with Plastic Base	Length/ Width	IS 13262
345	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Pressure Sensitive Adhesive Tapes with Plastic Base	Tensile Strength	IS 13262
346	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Fitting for Potable Water Supplies	Dimensions	IS 7834 (Part 1)
347	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geo - Membranes for Lining	Length/ Width	IS 15909
348	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geo - Membranes for Lining	Low Temperature Crack Resistance	IS 15909
349	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geo - Membranes for Lining	Peel Strength	IS 15909
350	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geo - Membranes for Lining	Puncture Resistance	IS 15909 (Annexure B)
351	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geo - Membranes for Lining	Seam Strength	IS 15909 (Annexure E)
352	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geo - Membranes for Lining	Tear Strength	IS 15909
353	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geo - Membranes for Lining	Tensile Strength	IS 2076
354	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geo - Membranes for Lining	Thickness	IS 15909

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355	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Geo - Membranes for Lining	Visual Appearance/ Workmanship	IS 15909
356	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Socket Fitting with Solvent Cement Joint for Water Supplies	Bend Angle	IS 12235 (Part 1 to 19)
357	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Moulded Polyethylene Water Storage Tanks	Gross Capacity	IS 12701
358	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Moulded Polyethylene Water Storage Tanks	Resistance to Deformation	IS 12701 (Annexure B)
359	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Moulded Polyethylene Water Storage Tanks	Tensile Strength	IS 13360 (Part 5, Section 2 & 3/ ISO 527- 2 & 3)
360	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Moulded Polyethylene Water Storage Tanks	Dart Impact	IS 12701 (Annexure C)
361	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Moulded Polyethylene Water Storage Tanks	Dimensions	IS 12701
362	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Moulded Polyethylene Water Storage Tanks	Melt Flow Index	IS 2530
363	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Moulded Polyethylene Water Storage Tanks	Net Capacity	IS 12701
364	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Moulded Polyethylene Water Storage Tanks	Top Load Resistance	IS 12701
365	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Moulded Polyethylene Water Storage Tanks	Visual Appearance	IS 12701
366	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Solvent Cement for UPVC Pipes and Fittings	Lap Shear Strength	IS 14182 (Annexure C)
367	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Solvent Cement for Use with Unplasticized Polyvinyl Chloride Plastic Pipe And Fittings	Hydrostatic Burst Strength	IS 14182
368	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Surface Covered Cultivation - Plastics Mulching	Dimensions	IS 15177
369	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Surface Covered Cultivation - Plastics Mulching Film	Visual Appearance	IS 15177
370	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastic Hoses for Water- General Purpose	Loss in Mass on Heating	IS 12585 (Annexure A)
371	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastic Hoses for Water- General Purpose	Adhesion	IS 3400 (Part 5)
372	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastic Hoses for Water- General Purpose	Proof Pressure/ Bursting Pressure	IS 443 (Part 3)
373	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastic Hoses for Water- General Purpose	Visual Appearance	IS 12585

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374	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastic Materials	Durometer Hardness (Shore A)	ASTM D2240
375	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastics Pipes and Fittings	Density/ Relative Density (Specific Gravity)	IS 12235 (Part 14)
376	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastics Pipes and Fittings	Dimensions	IS 12235 (Part 1)
377	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastics Pipes and Fittings	Elongation	IS 12235 (Part 13)
378	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastics Pipes and Fittings	High Temperature Test	IS 12235 (Part 16)
379	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastics Pipes and Fittings	Opacity	IS 12235 (Part 3)
380	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastics Pipes and Fittings	Reversion Test	IS 12235 (Part 5, Section 1)
381	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastics Pipes and Fittings	Stress Relief Test	IS 12235 (Part 6)
382	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastics Pipes and Fittings	Tensile Strength	IS 12235 (Part 13)
383	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastics/ Thermoset/ Polymers	Vickers Hardness	IS 1754
384	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermosetting Glass Fiber Reinforced Polyester Resin (GRP) Sectional Water Storage Tank	Barcol Hardness	IS 14399 (Part 1 & 2)
385	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermosetting Synthetic Resin Bonded Laminated Sheets	Compressive Strength	IS 1998
386	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermosetting Synthetic Resin Bonded Laminated Sheets	Shear Strength	IS 1998
387	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermosetting Synthetic Resin Bonded Laminated Sheets	Tensile Strength	IS 1998
388	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermosetting Synthetic Resin Bonded Laminated Sheets	Thickness	IS 1998
389	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thin Plastic Sheeting and Film (less than 1mm)	Tensile Strength	ASTM D882
390	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Transparent Plastics	Haze and Luminous Transmittance	ASTM D1003
391	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Transparent Plastics	Resistance to Surface Abrasion by the Taber Abraser	ASTM D1044
392	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Non-Pressure Polyvinyl Chloride (PVC-U) Pipe for use in Underground Drainage and Sewerage Systems	Length of the Pipe	IS 15328

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393	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Non-Pressure Polyvinyl Chloride (PVC-U) Pipe for use in Underground Drainage and Sewerage Systems	Mean Outside Diameter	IS 15328
394	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Non-Pressure Polyvinyl Chloride (PVC-U) Pipe for use in Underground Drainage and Sewerage Systems	Reversion Test	IS 15328
395	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Non-Pressure Polyvinyl Chloride (PVC-U) Pipe for use in Underground Drainage and Sewerage Systems	Vicat Softening Temperature	IS 15328 (Annexure A)
396	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Non-Pressure Polyvinyl Chloride (PVC-U) Pipe for use in Underground Drainage and Sewerage Systems	Visual Appearance/ Color	IS 15328
397	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Non-Pressure Polyvinyl Chloride (PVC-U) Pipe for use in Underground Drainage and Sewerage Systems	Wall Thickness	IS 15328
398	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	Axial Shrinkage	IS 13592 (Annexure B)
399	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	Dimensions	IS 13592
400	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	Elongation	IS 12235
401	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	Elongation	IS 13592
402	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 Internal Hydrostatic Pressure	IS 13592
403	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)
404	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 13592
405	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	Stress Relief Test	IS 12235 (Part 6)
406	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	Vicat Softening Temperature	IS 13592
407	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	Visual Appearance	IS 13592

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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	Water Tightness of Joint	IS 13592
409	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (PVC-U) Pipes Thermoplastics Pipes and Fittings	Resistance to External Blows at 0 °C	IS 12235 (Part 9)
410	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (PVC-U) Screen and Casing Pipes for Bore/ Tubewells	Density	IS 12818
411	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (PVC-U) Screen and Casing Pipes for Bore/ Tubewells	Mean Outside Diameter	IS 12818
412	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (PVC-U) Screen and Casing Pipes for Bore/ Tubewells	Shore A	IS 12818
413	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (PVC-U) Screen and Casing Pipes for Bore/ Tubewells	Tensile Strength	IS 12818
414	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (PVC-U) Screen and Casing Pipes for Bore/ Tubewells	Vicat Softening Temperature	IS 12818
415	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (PVC-U) Screen and Casing Pipes for Bore/ Tubewells	Visual Appearance	IS 12818
416	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (UPVC) Injection Moulded Fittings for Soil and Waste Discharge System for Inside and Outside Buildings Including Ventilation and Rain Water System	Nominal Diameter Mean Inside Diameter	IS 14735
417	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (UPVC) Injection Moulded Fittings for Soil and Waste Discharge System for Inside and Outside Buildings Including Ventilation and Rain Water System	Vicat Softening Temperature	IS 14735
418	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (UPVC) Injection Moulded Fittings for Soil and Waste Discharge System for Inside and Outside Buildings Including Ventilation and Rain Water System	Visual Appearance/ Workmanship	IS 14735
419	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (UPVC) Injection Moulded Fittings for Soil and Waste Discharge System for Inside and Outside Buildings Including Ventilation and Rain Water System	Wall Thickness	IS 14735
420	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (UPVC) Single Wall Corrugated Pipes for Drainage	Dimensions	IS 9271
421	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (UPVC) Single Wall Corrugated Pipes for Drainage	Impact Test	IS 9371
422	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (UPVC) Single Wall Corrugated Pipes for Drainage	Length of Pipe	IS 9271

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423	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (UPVC) Single Wall Corrugated Pipes for Drainage	Nominal Diameter/ Outside Diameter	IS 9271
424	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (UPVC) Single Wall Corrugated Pipes for Drainage	Visual Appearance	IS 9271
425	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized PVC Pipes (Ducts) and Fittings for Underground Telecommunications Cable Installation	Length of Pipe	IS 14787
426	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized PVC Pipes (Ducts) and Fittings for Underground Telecommunications Cable Installation	Outside Diameter & Outside Diameter at any Point	IS 14787
427	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized PVC Pipes (Ducts) and Fittings for Underground Telecommunications Cable Installation	Reversion	IS 14787
428	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized PVC Pipes (Ducts) and Fittings for Underground Telecommunications Cable Installation	Vicat Softening Temperature	IS 14787
429	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unreinforced and Reinforced Plastics	Flexural Strength	ASTM D790
430	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unsupported Flexible Polyvinyl Chloride Sheeting	Dimensional Stability	IS 2076 (Appendix G)
431	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unsupported Flexible Polyvinyl Chloride Sheeting	Elongation	IS 2076
432	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unsupported Flexible Polyvinyl Chloride Sheeting	Tear Strength	IS 2076 (Appendix C)
433	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unsupported Flexible Polyvinyl Chloride Sheeting	Tensile Strength	IS 2076
434	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unsupported Flexible Polyvinyl Chloride Sheeting	Thickness	IS 2076
435	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unsupported Flexible Polyvinyl Chloride Sheeting	Visual Appearance	IS 2076
436	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Injection Moulding Fitting for Soil and Waste Discharge System for Inside and Outside Buildings	Shore A Hardness	IS 5382
437	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for Potable Water Supplies	Opacity	IS 4985
438	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for Potable Water Supplies	Resistance to External Blows at 0 °C	IS 4985
439	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for Potable Water Supplies	Vicat Softening Temperature	IS 6307 (Appendix B)
440	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for Potable Water Supplies	Visual Appearance	IS 4985
441	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Plain Screen and Casing Pipes	Shore A Hardness	IS 3400 (Part 23, Section 1 & 2)

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442	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Single Wall Corrugated Pipes for Drainage	Outside Diameter/ Inside Diameter	IS 9271
443	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Woven Sacks for Packing Cement- HDPE/ PP	Ends per dm/ Picks per dm	IS 11652
444	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Woven Sacks for Packing of Cement- HDPE/ PP	Breaking Strength	IS 11652

NOTE- The Laboratory has demonstrated competence for the stated scope for WATER. This however does not fully cover the specification requirements of BIS for the Packaged Drinking Water as per IS 14543 and the Packaged Natural Mineral Water IS 13428.