National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING AND TECHNOLOGY (CIPET), PLOT NO. 198/201, BEHIND BIOGENETIC PVT . LTD. JHARMAJRI, DISTRICT : SOLAN, BADDI, HIMACHAL PRADESH, 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	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Filling Sand	Ash Content	IS 14252
2	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Filling Sand	Material Identification	IS 14252
3	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Filling Sand	Overall Migration	IS 14252
4	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Cement	Ash Content	IS 11652
5	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Cement	Lamination (Identification)	IS 11652
6	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Cement	Material Identification	IS 11652
7	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Cement	Seam (Stitching Material Identification)	IS 11652
8	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Food Grains	Ash Content	IS 14887
9	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Food Grains	Identification of Materiel	IS 14887
10	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Food Grains	Melt Flow Index (Material & Tape)	IS 14887
11	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Food Grains	Overall Migration	IS 14887
12	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Ash Content	IS 14968
13	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Liner Identification	IS 14968
14	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Material Identification	IS 14968
15	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Overall Migration	IS 14968
16	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene Films	Carbon Black Content	IS 10889
17	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene Films	Carbon Black Dispersion	IS 10889
18	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene Films	Melt Flow Rate	IS 10889

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19	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene Pipes for Sewerage	Melt Flow Rate	IS 14333
20	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene Pipes for Sewerage	Carbon Black Content	IS 14333
21	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene Pipes for Sewerage	Carbon Black Dispersion	IS 14333
22	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene(HDPE) /Polypropylene (PP) Woven sacks for packaging Fertilizers	Ash Content	IS 9755
23	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene(HDPE) /Polypropylene (PP) Woven sacks for packaging Fertilizers	Identification of material of Liner	IS 9755
24	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene(HDPE) /Polypropylene (PP) Woven sacks for packaging Fertilizers	Identification of Stitching Material	IS 9755
25	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene(HDPE) /Polypropylene (PP) Woven sacks for packaging Fertilizers	Material Identification	IS 9755
26	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene(HDPE) /Polypropylene (PP) Woven sacks for packaging Fertilizers	Material Identification of Lamination	IS 9755
27	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene(HDPE)/Polypropylene (PP) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Ash content	IS 16208
28	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene(HDPE)/Polypropylene (PP) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Identification of material	IS 16208
29	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene(HDPE)/Polypropylene (PP) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Overall Migration	IS 16208
30	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment - Polyethylene Pipes for Irrigation Laterals	Carbon Black Content	IS 12786
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	Susceptibility to Environmental Stress Cracking	IS 12786
33	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment - Sprinkler Pipes	Carbon Black Content	IS 14151 (Part 1)
34	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment - Sprinkler Pipes	Carbon Black Dispersion	IS 14151 (Part 1)
35	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment - Sprinkler Pipes	Melt Flow Rate	IS 14151 (Part 1)
36	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment - Sprinkler Pipes (Quick coupled Polyethylene Pipes & Fittings)	Carbon Black Content of HDPE Coupler	IS 14151 (Part 2)

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37	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment - Sprinkler Pipes (Quick coupled Polyethylene Pipes & Fittings)	Carbon Black Dispersion of HDPE Coupler	IS 14151 (Part 2)
38	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment - Sprinkler Pipes (Quick coupled Polyethylene Pipes & Fittings)	Material Identification of Rubber Ring	IS 14151 (Part 2)
39	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment - Sprinkler Pipes (Quick coupled Polyethylene Pipes & Fittings)	Melt Flow Rate of HDPE Coupler	IS 14151 (Part 2)
40	CHEMICAL- PLASTIC & RESINS	Linear Low-Density Polyethylene (LLDPE) Films	Carbon Black Content	IS 14500
41	CHEMICAL- PLASTIC & RESINS	Linear Low-Density Polyethylene (LLDPE) Films	Overall Migration	IS 14500
42	CHEMICAL- PLASTIC & RESINS	Monoaxially oriented Polypropylene Tapes	Melt Flow Index	IS 11197
43	CHEMICAL- PLASTIC & RESINS	Multilayered Cross Laminated Sheets/ Tarpaulins/ Covers/ Agricultural Films	Carbon Black Content	IS 14611
44	CHEMICAL- PLASTIC & RESINS	Plastics & polymers	Ash Content & Sulphated Ash Content	IS 12235 (Part 17)
45	CHEMICAL- PLASTIC & RESINS	Plastics & Polymers	Ash Content Test	ASTM D5630
46	CHEMICAL- PLASTIC & RESINS	Plastics & polymers	Carbon Black Content	ASTM D1603
47	CHEMICAL- PLASTIC & RESINS	Plastics & polymers	Carbon Black Content	IS 2530
48	CHEMICAL- PLASTIC & RESINS	Plastics & POlymers	Carbon Black Dispersion	ASTM D1603
49	CHEMICAL- PLASTIC & RESINS	Plastics & polymers	Carbon Black Dispersion, Pigment Dispersion	IS 2530
50	CHEMICAL- PLASTIC & RESINS	Plastics & Polymers	Environmental Stress Cracking resistance (ESCR)	ASTM D1693
51	CHEMICAL- PLASTIC & RESINS	Plastics & polymers	Filler Content (Ignition Loss of Cured Reinforced Resins)	ASTM D2584
52	CHEMICAL- PLASTIC & RESINS	Plastics & polymers	Flammability Test	IS 11731 (Part 2)
53	CHEMICAL- PLASTIC & RESINS	Plastics & Polymers	Fluorescent Ultraviolet (UV) Exposure Test	ASTM G154
54	CHEMICAL- PLASTIC & RESINS	Plastics & polymers	Melt Flow Index	IS 2530
55	CHEMICAL- PLASTIC & RESINS	Plastics & Polymers	Melt Flow Rates	ASTM D1238

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56	CHEMICAL- PLASTIC & RESINS	Plastics & Polymers	Melting point/ Glass Transition temperature by Differential Scanning Calorimetry (DSC)	ASTM D3418
57	CHEMICAL- PLASTIC & RESINS	Plastics & polymers	Overall Migration Test	IS 9845
58	CHEMICAL- PLASTIC & RESINS	Plastics & Polymers	Oxidative induction Time (OIT)	ASTM D3895
59	CHEMICAL- PLASTIC & RESINS	Plastics & Polymers	Rate of Burning Test	ASTM D635
60	CHEMICAL- PLASTIC & RESINS	Plastics & polymers	Resistance to Sulphuric Acid	IS 12235 (Part 7)
61	CHEMICAL- PLASTIC & RESINS	Plastics & Polymers	Vicat Softening Temperature	ASTM D1525
62	CHEMICAL- PLASTIC & RESINS	Plastics & polymers	Vicat Softening Temperature (VST)	IS 12235 (Part 2)
63	CHEMICAL- PLASTIC & RESINS	Plastics & polymers (Resin)	K-value Test	IS 4669
64	CHEMICAL- PLASTIC & RESINS	Plastics and Polymers	Water Absorption	ASTM D570
65	CHEMICAL- PLASTIC & RESINS	Polyethylene Films and Sheets	Ash Content	IS 2508
66	CHEMICAL- PLASTIC & RESINS	Polyethylene Films and Sheets	Carbon Black Content	IS 2508
67	CHEMICAL- PLASTIC & RESINS	Polyethylene Films and Sheets	Carbon Black Dispersion	IS 2508
68	CHEMICAL- PLASTIC & RESINS	Polyethylene Films and Sheets	Melt Flow Index	IS 2508
69	CHEMICAL- PLASTIC & RESINS	Polyethylene Pipes for Water Supply	Carbon Black Content	IS 4984
70	CHEMICAL- PLASTIC & RESINS	Polyethylene Pipes for Water Supply	Carbon Black Dispersion	IS 4984
71	CHEMICAL- PLASTIC & RESINS	Polyethylene Pipes for Water Supply	Melt Flow Rate	IS 4984
72	CHEMICAL- PLASTIC & RESINS	Polyethylene Pipes for Water Supply	Overall Migration	IS 4984
73	CHEMICAL- PLASTIC & RESINS	Polyethylene Pipes for Water Supply	Thermal Stability (Oxidation Induction Time -OIT)	IS 4984

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74	CHEMICAL- PLASTIC & RESINS	Polyethylene Pipes for Water Supply	Volatile matter	IS 4984
75	CHEMICAL- PLASTIC & RESINS	Polyethylene Pipes for Water Supply	Water content	IS 4984
76	CHEMICAL- PLASTIC & RESINS	Polyethylene Pouches for Packaging Liquid Milk	Material identification	IS 11805
77	CHEMICAL- PLASTIC & RESINS	Polyethylene Pouches for Packaging Liquid Milk	Overall Migration	IS 11805
78	CHEMICAL- PLASTIC & RESINS	Rotational moulded Polyethylene water storage tanks	Carbon Black Content	IS 12701
79	CHEMICAL- PLASTIC & RESINS	Rotational moulded Polyethylene water storage tanks	Carbon Black Dispersion	IS 12701
80	CHEMICAL- PLASTIC & RESINS	Rotational moulded Polyethylene water storage tanks	Melt Flow Rate (MFR)	IS 12701
81	CHEMICAL- PLASTIC & RESINS	Rotational moulded Polyethylene water storage tanks	Overall Migration	IS 12701
82	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	K-value	IS 14735
83	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 14735
84	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 14735
85	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 14735
86	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	Titanium Dioxide Content (TiO2)	IS 14735
87	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 14735

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88	CHEMICAL- PLASTIC & RESINS	Unplasticized Polyvinyl Chloride (PVC-U) Pipes for Soil and Waste Discharge System for Inside and Outside Buildings Including Ventilation and Rainwater System	K-value	IS 13592
89	CHEMICAL- PLASTIC & RESINS	Unplasticized Polyvinyl Chloride (PVC-U) Pipes for Soil and Waste Discharge System for Inside and Outside Buildings Including Ventilation and Rainwater System	Resistance to Dichloromethane at Specified Temperature	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 Rainwater System	Resistance to Sulphuric Acid	IS 13592
91	CHEMICAL- PLASTIC & RESINS	Unplasticized Polyvinyl Chloride (PVC-U) Pipes for Soil and Waste Discharge System for Inside and Outside Buildings Including Ventilation and Rainwater System	Stress relief Test	IS 13592
92	CHEMICAL- PLASTIC & RESINS	Unplasticized Polyvinyl Chloride (PVC-U) Pipes for Soil and Waste Discharge System for Inside and Outside Buildings Including Ventilation and Rainwater System	Vicat Softening Temperature (VST)	IS 13592
93	CHEMICAL- PLASTIC & RESINS	UPVC pipes for potable water supplies	Effect on Water	IS 4985
94	CHEMICAL- PLASTIC & RESINS	UPVC pipes for potable water supplies	K-value	IS 4985
95	CHEMICAL- PLASTIC & RESINS	UPVC pipes for potable water supplies	Sulphated Ash Content	IS 4985
96	CHEMICAL- PLASTIC & RESINS	UPVC pipes for potable water supplies	VCM content	IS 4985
97	CHEMICAL- PLASTIC & RESINS	UPVC pipes for potable water supplies	Vicat Softening Temperature (VST)	IS 4985
98	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Filling Sand	Average Breaking Strength of Bottom Seam	IS 14252
99	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Filling Sand	Average Breaking strength of fabric (Lengthwise and Widthwise after & before UV Exposure)	IS 14252
100	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Filling Sand	Dimensions (Outside Length & Width)	IS 14252
101	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Filling Sand	Elongation at break of Fabric (Lengthwise and Widthwise)	IS 14252
102	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Filling Sand	Ends per dm & picks per dm	IS 14252
103	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Filling Sand	Fabric (Linear Density)	IS 14252

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104	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Filling Sand	Fabric (Tape Width)	IS 14252
105	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Filling Sand	Mass of Bale	IS 14252
106	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Filling Sand	Mass of sack (GSM)	IS 14252
107	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Filling Sand	Sacks (Visual Appearance)	IS 14252
108	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Filling Sand	UV Resistance Test	IS 14252
109	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Cement	Average Breaking strength of fabric (Lengthwise and Widthwise after & before UV Exposure)	IS 11652
110	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Cement	Breaking Strength of Top & Bottom Seam	IS 11652
111	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Cement	Capacity	IS 11652
112	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Cement	Dimensions (Length & Width of Sack, Width of Gusset & Valve, Depth of valve)	IS 11652
113	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Cement	Drop impact Strength	IS 11652
114	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Cement	Elongation at break of Fabric (Lengthwise and Widthwise)	IS 11652
115	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Cement	Ends per dm & Picks per dm	IS 11652
116	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Cement	Fabric (Linear Density)	IS 11652
117	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Cement	Fabric (Mesh Size)	IS 11652
118	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Cement	Fabric (Tape Width)	IS 11652
119	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Cement	Mass of Bale	IS 11652
120	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Cement	Mass of Sack (GSM)	IS 11652
121	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Cement	Sacks (Visual Appearance)	IS 11652

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122	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Cement	Seam (Dimension)	IS 11652
123	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Cement	UV Resistance Test	IS 11652
124	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Cement	Value for Filling of Sacks (Visual)	IS 11652
125	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Food Grains	Average Breaking strength of fabric (Lengthwise and Widthwise after & before UV Exposure)	IS 14887
126	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Food Grains	Dimensions (Inside Length & Width)	IS 14887
127	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Food Grains	Elongation at break of Fabric (Lengthwise and Widthwise after & before UV Exposure)	IS 14887
128	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Food Grains	Ends per dm & Picks per dm	IS 14887
129	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Food Grains	Fabric (Linear Density)	IS 14887
130	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Food Grains	Fabric (Tape Width)	IS 14887
131	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Food Grains	Fabric Visual Appearance (Anti-slip Pattern)	IS 14887
132	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Food Grains	Mass of Bale	IS 14887
133	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Food Grains	Mass of Sack & GSM	IS 14887
134	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Food Grains	Minimum Breaking Strength of bottom seam	IS 14887
135	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Food Grains	Sacks (Bottom Seam)	IS 14887
136	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Food Grains	Sacks (Capacity)	IS 14887
137	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Food Grains	Sacks (Mouth)	IS 14887
138	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 Kg Food Grains	UV Resistance Test	IS 14887

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139	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Average Breaking strength of fabric (Lengthwise and Widthwise after & before UV Exposure)	IS 14968
140	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Capacity	IS 14968
141	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Dimensions (Inside Length & Width)	IS 14968
142	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Elongation at break of Fabric (Lengthwise and Widthwise)	IS 14968
143	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Ends per dm & Picks per dm	IS 14968
144	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Fabric (Linear Density)	IS 14968
145	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Fabric (Tape Width)	IS 14968
146	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Liner (Dimension- Length & Width)	IS 14968
147	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Liner (Visual Appearance)	IS 14968
148	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Mass of Sack (GSM)	IS 14968
149	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Minimum Breaking Strength of Bottom Seam	IS 14968
150	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Sacks (Bottom Seam & Mouth)	IS 14968
151	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50Kg/25Kg Sugar	Sacks (Visual Appearance)	IS 14968
152	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50Kg/25Kg Sugar	UV Resistance Test	IS 14968
153	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Films	Appearance	IS 10889
154	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Films	Density	IS 10889
155	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Films	Elongation at Break	IS 10889
156	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Films	Film Form	IS 10889

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157	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Films	Impact Resistance (Falling Dart)	IS 10889
158	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Films	Nominal Thickness	IS 10889
159	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Films	Nominal Width	IS 10889
160	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Films	Odour	IS 10889
161	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Films	Tensile Strength at Break	IS 10889
162	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Films	Yield Tolerance	IS 10889
163	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes for Sewerage	Base Density	IS 14333
164	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes for Sewerage	Colour	IS 14333
165	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes for Sewerage	Dimension (Outside Diameter)	IS 14333
166	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes for Sewerage	Ovality	IS 14333
167	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes for Sewerage	Wall Thickness	IS 14333
168	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes for Sewerage	Hydraulic Characteristics (Internal Pressure Creep Rupture test)	IS 14333
169	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes for Sewerage	Length of Straight Pipe	IS 14333
170	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes for Sewerage	Maximum out of square of pipe end	IS 14333
171	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes for Sewerage	Reversion Test	IS 14333
172	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Pipes for Sewerage	Visual Appearance	IS 14333
173	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE) /Polypropylene (PP) Woven sacks for packaging Fertilizers	Average Breaking strength of fabric (Lengthwise and Widthwise after & before UV Exposure)	IS 9755
174	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE) /Polypropylene (PP) Woven sacks for packaging Fertilizers	Breaking Strength of Bottom Seam	IS 9755

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175	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE) /Polypropylene (PP) Woven sacks for packaging Fertilizers	Dimension (Inside length and width)	IS 9755
176	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE) /Polypropylene (PP) Woven sacks for packaging Fertilizers	Elongation at break of Fabric (Lengthwise and Widthwise)	IS 9755
177	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE) /Polypropylene (PP) Woven sacks for packaging Fertilizers	Ends per dm & Picks per dm	IS 9755
178	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE) /Polypropylene (PP) Woven sacks for packaging Fertilizers	Mass of sack	IS 9755
179	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE) /Polypropylene (PP) Woven sacks for packaging Fertilizers	Mass of Fabric (GSM)	IS 9755
180	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE) /Polypropylene (PP) Woven sacks for packaging Fertilizers	Width of the Liner	IS 9755
181	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE)/Polypropylene (PP) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Average Breaking strength of fabric (Lengthwise and Widthwise after & before UV Exposure)	IS 16208
182	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE)/Polypropylene (PP) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Dimensions (Inside Length & Width)	IS 16208
183	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE)/Polypropylene (PP) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Elongation at break of Fabric (Lengthwise and Widthwise)	IS 16208
184	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE)/Polypropylene (PP) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Ends per dm & Picks per dm	IS 16208
185	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE)/Polypropylene (PP) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Fabric Tape Width	IS 16208
186	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE)/Polypropylene (PP) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Fabric Visual Appearance (Anti-slip Pattern)	IS 16208
187	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE)/Polypropylene (PP) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Linear Density	IS 16208
188	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE)/Polypropylene (PP) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Mass of Bale	IS 16208
189	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE)/Polypropylene (PP) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Mass of Sack & GSM	IS 16208

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190	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE)/Polypropylene (PP) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Minimum Breaking Strength of Bottom Seam	IS 16208
191	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE)/Polypropylene (PP) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Sacks (Bottom Seam)	IS 16208
192	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE)/Polypropylene (PP) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Sacks (Capacity)	IS 16208
193	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE)/Polypropylene (PP) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	Sacks (Mouth)	IS 16208
194	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE)/Polypropylene (PP) Woven sacks for packaging 10 kg, 15 kg, 20 kg and 30 kg Foodgrains	UV Resistance Test	IS 16208
195	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE)/Polypropylene (PP) Woven sacks for packaging Fertilizers	Bottom Seam Stitching	IS 9755
196	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE)/Polypropylene (PP) Woven sacks for packaging Fertilizers	Capacity	IS 9755
197	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE)/Polypropylene (PP) Woven sacks for packaging Fertilizers	Lamination (GSM)	IS 9755
198	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE)/Polypropylene (PP) Woven sacks for packaging Fertilizers	Linear Density of Tape	IS 9755
199	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE)/Polypropylene (PP) Woven sacks for packaging Fertilizers	Liner (Bottom Seam)	IS 9755
200	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE)/Polypropylene (PP) Woven sacks for packaging Fertilizers	Liner (Thickness)	IS 9755
201	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE)/Polypropylene (PP) Woven sacks for packaging Fertilizers	Liner (Visual Appearance)	IS 9755
202	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE)/Polypropylene (PP) Woven sacks for packaging Fertilizers	Mouth of Sack	IS 9755
203	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE)/Polypropylene (PP) Woven sacks for packaging Fertilizers	Sack (Visual Appearance)	IS 9755
204	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE)/Polypropylene (PP) Woven sacks for packaging Fertilizers	Tape Width	IS 9755
205	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene(HDPE)/Polypropylene (PP) Woven sacks for packaging Fertilizers	UV Resistance Test	IS 9755
206	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Polyethylene Pipes for Irrigation Laterals	Dimension (Outside Diameter)	IS 12786

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207	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Polyethylene Pipes for Irrigation Laterals	Dimension (Wall Thickness)	IS 12786
208	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Polyethylene Pipes for Irrigation Laterals	Elongation at Break	IS 12786
209	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Polyethylene Pipes for Irrigation Laterals	Hydraulic Characteristics (Internal Pressure Creep Rupture test)	IS 12786
210	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Polyethylene Pipes for Irrigation Laterals	Reversion Test	IS 12786
211	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Polyethylene Pipes for Irrigation Laterals	Tensile Test	IS 12786
212	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Polyethylene Pipes for Irrigation Laterals	Visual Appearance	IS 12786
213	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes	Base Density	IS 14151 (Part 1)
214	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes	Dimension (Outside Diameter)	IS 14151 (Part 1)
215	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes	Dimension (Ovality)	IS 14151 (Part 1)
216	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes	Dimension (Wall Thickness)	IS 14151 (Pat 1)
217	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes	Elongation at Break	IS 14151 (Part 1)
218	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes	Fusion Compatibility Test	IS 14151 (Part 1)
219	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes	Hydraulic Characteristics (Internal Pressure Creep Rupture test)	IS 14151 (Part 1)
220	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes	Maximum out of square of pipe end	IS 14151 (Part 1)
221	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes	Reversion Test	IS 14151 (Part 1)
222	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes	Tensile Strength	IS 14151 (Part 1)
223	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes	Visual Appearance	IS 14151 (Part 1)
224	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes (Quick coupled Polyethylene Pipes & Fittings)	Ageing for Rubber Ring	IS 14151 (Part 2)

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225	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes (Quick coupled Polyethylene Pipes & Fittings)	Colour of Quick coupled Polyethylene Pipes & Fittings	IS 14151 (Part 2)
226	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes (Quick coupled Polyethylene Pipes & Fittings)	Colour of Rubber Ring	IS 14151 (Part 2)
227	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes (Quick coupled Polyethylene Pipes & Fittings)	Density of HDPE Coupler	IS 14151 (Part 2)
228	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes (Quick coupled Polyethylene Pipes & Fittings)	Dimensions of Quick Coupled Pipes & Fittings (Outside Diameter)	IS 14151 (Part 2)
229	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes (Quick coupled Polyethylene Pipes & Fittings)	Dimensions of Quick Coupled Pipes & Fittings (Wall Thickness)	IS 14151 (Part 2)
230	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes (Quick coupled Polyethylene Pipes & Fittings)	Dimensions of Quick Coupled Pump Connector	IS 14151 (Part 2)
231	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes (Quick coupled Polyethylene Pipes & Fittings)	Dimensions of Quick Coupled Sprinkler Saddles	IS 14151 (Part 2)
232	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes (Quick coupled Polyethylene Pipes & Fittings)	Holding Attachments for Coupler Parts	IS 14151 (Part 2)
233	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes (Quick coupled Polyethylene Pipes & Fittings)	Hydraulic Proof Test	IS 14151 (Part 2)
234	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes (Quick coupled Polyethylene Pipes & Fittings)	Leakage Test	IS 14151 (Part 2)
235	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes (Quick coupled Polyethylene Pipes & Fittings)	Quick Coupled Fittings (Hydraulic Characteristics)	IS 14151 (Part 2)
236	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes (Quick coupled Polyethylene Pipes & Fittings)	Rubber Ring Hardness Shore-A	IS 14151 (Part 2)
237	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes (Quick coupled Polyethylene Pipes & Fittings)	Wall Thickness of HDPE Coupler	IS 14151 (Part 2)
238	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes (Quick coupled Polyethylene Pipes & Fittings)	Weldability Test (Hydraulic Characteristics)	IS 14151 (Part 2)
239	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes (Quick coupled Polyethylene Pipes & Fittings)	Workmanship and Appearance	IS 14151 (Part 2)
240	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Linear Low-Density Polyethylene (LLDPE) Films	Appearance	IS 14500
241	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Linear Low-Density Polyethylene (LLDPE) Films	Density	IS 14500
242	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Linear Low-Density Polyethylene (LLDPE) Films	Dimension (Nominal Width)	IS 14500

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243	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Linear Low-Density Polyethylene (LLDPE) Films	Dimensions (Nominal Thickness)	IS 14500
244	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Linear Low-Density Polyethylene (LLDPE) Films	Elongation at Break	IS 14500
245	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Linear Low-Density Polyethylene (LLDPE) Films	Film Form	IS 14500
246	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Linear Low-Density Polyethylene (LLDPE) Films	Haze	IS 14500
247	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Linear Low-Density Polyethylene (LLDPE) Films	Impact Strength (Falling Dart)	IS 14500
248	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Linear Low-Density Polyethylene (LLDPE) Films	Odour	IS 14500
249	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Linear Low-Density Polyethylene (LLDPE) Films	Slip Test (Kinetic coefficient of friction- COF)	IS 14500
250	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Linear Low-Density Polyethylene (LLDPE) Films	Tensile Strength of Break	IS 14500
251	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Linear Low-Density Polyethylene (LLDPE) Films	Yield Tolerance	IS 14500
252	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Monoaxially oriented High Density Polyethylene Tapes	Elongation of Tapes	IS 6192
253	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Monoaxially oriented High Density Polyethylene Tapes	Heat Shrinkage of Tapes	IS 6192
254	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Monoaxially oriented High Density Polyethylene Tapes	Linear Density of Tape	IS 6192
255	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Monoaxially oriented High Density Polyethylene Tapes	Material Density	IS 6192
256	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Monoaxially oriented High Density Polyethylene Tapes	Tenacity of Tape	IS 6192
257	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Monoaxially oriented High Density Polyethylene Tapes	Thickness of tapes	IS 6192
258	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Monoaxially oriented High Density Polyethylene Tapes	Width of tapes	IS 6192
259	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Monoaxially oriented Polypropylene Tapes	Dimensional Stability of Tapes	IS 11197
260	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Monoaxially oriented Polypropylene Tapes	Elongation of Tapes	IS 11197
261	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Monoaxially oriented Polypropylene Tapes	Linear Density of tapes	IS 11197

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262	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Monoaxially oriented Polypropylene Tapes	Tenacity of Tapes	IS 11197
263	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Monoaxially oriented Polypropylene Tapes	Thickness of Tapes	IS 11197
264	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Monoaxially oriented Polypropylene Tapes	Width of Tapes	IS 11197
265	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets/ Tarpaulins/ Covers/ Agricultural Films	Accelerated Ageing Test	14611
266	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets/ Tarpaulins/ Covers/ Agricultural Films	Construction of Tarpaulin (Ends & Side Dimension, Panel Length & Width)	IS 14611
267	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets/ Tarpaulins/ Covers/ Agricultural Films	Dart Impact Strength	IS 14611
268	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets/ Tarpaulins/ Covers/ Agricultural Films	Elongation at Break (Longitudinal and Transverse Direction)	IS 14611
269	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets/ Tarpaulins/ Covers/ Agricultural Films	Fixing of Eyelets	IS 14611
270	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets/ Tarpaulins/ Covers/ Agricultural Films	Flex Test (before and after Ageing)	IS 14611
271	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets/ Tarpaulins/ Covers/ Agricultural Films	Measurement of tarpaulin/cover	IS 14611
272	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets/ Tarpaulins/ Covers/ Agricultural Films	Strength of Joint and Seam	IS 14611
273	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets/ Tarpaulins/ Covers/ Agricultural Films	Substance (GSM)	IS 14611
274	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets/ Tarpaulins/ Covers/ Agricultural Films	Tear Strength (Longitudinal and Transverse Direction, before and after ageing)	IS 14611
275	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets/ Tarpaulins/ Covers/ Agricultural Films	Tensile strength (Longitudinal and Transverse direction, before and after Ageing)	Is 14611
276	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets/ Tarpaulins/ Covers/ Agricultural Films	UV Resistance Test	IS 14611
277	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets/ Tarpaulins/ Covers/ Agricultural Films	Water Proofness Test	IS 14611
278	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets/ Tarpaulins/ Covers/ Agricultural Films	Workmanship	IS 14611

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279	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Apparent Density (Bulk Factor)	ASTM D1895
280	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Average Breaking Strength of fabric	IS 1969 (Part 1)
281	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & Products	Barcol Hardness	ASTM 2583
282	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & Products	Charpy Impact Resistance Test	ASTM D6110
283	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & Products	Co-efficient of Friction	ASTM D1894
284	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Compressive Strength Test	ASTM D695
285	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Dart Impact Resistance Test	ASTM D1709
286	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Density & Specific Gravity	ASTM D792
287	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Density Test	IS 13360 (Part 3/Sec 1)
288	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Density Test	IS 2530
289	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Density Test	IS 7328
290	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Dimensions Measurement	IS 12235 (Part 1)
291	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Drat Impact Resistance	IS 13360 (Part 5/Sec 6))
292	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Elongation at break of fabric	IS 1969 (Part 1)
293	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Flammability Test	UL -94
294	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Flexural Strength & Modulus	ASTM D790
295	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Flexural Strength & Modulus	IS 13360 (Part 5)
296	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Glow Wire Test	IS 11000 (Part 2/Sec 1)
297	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Glow Wire Test	IS 14772

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298	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Gross & Net Capacity	IS 2798
299	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Haze & Luminous Transmittance	ASTM D1003
300	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Heat Deflection Temperature	ASTM D648
301	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Hydraulic Characteristics (Resistance to internal Hydrostatic Pressure)	IS 12235 (Part 8)
302	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Izod Impact Resistance test	ASTM D256
303	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Opacity Test	IS 12235 (Part 3)
304	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Resistance to Dichloromethane	IS 12235 (Part 11))
305	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Resistance to external blow at 0°C (Impact resistance)	IS 12235 (Part 9)
306	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Reversion Test	IS 12235 (Part 5)
307	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Rockwell Hardness	ASTM D785
308	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Seam Strength of fabric	IS 9030
309	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Specific Gravity/ Relative Density/Density	IS 12235 (Part 14)
310	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Stress Relief Test	IS 12235 (Part 6)
311	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & Products	Tear Resistance	ASTM D1922
312	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials & Products	Tensile Elongation	ASTM D638
313	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Tensile strength & Modulus	ASTM D638
314	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Tensile Strength & Modulus	IS 13360 (Part 5)
315	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics Materials & Products	Durometer Hardness (Shore A & D)	ASTM D2240

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316	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films and Sheets	Ageing Test (Reduction in Tensile Strength)	IS 2508
317	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films and Sheets	Appearance	IS 2508
318	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films and Sheets	Dart Impact Strength	IS 2508
319	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films and Sheets	Density	IS 2508
320	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films and Sheets	Dimension (Nominal Thickness)	IS 2508
321	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films and Sheets	Dimension (Nominal Width)	IS 2508
322	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films and Sheets	Elongation at Break	IS 2508
323	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films and Sheets	Elongation at Yield	IS 2508
324	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films and Sheets	Film Form	IS 2508
325	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films and Sheets	Odour	IS 2508
326	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films and Sheets	Puncture resistance	IS 2508
327	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films and Sheets	Tear Resistance	IS 2508
328	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films and Sheets	Tensile Strength at Break	IS 2508
329	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films and Sheets	Tensile Strength at Yield	IS 2508
330	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films and Sheets	Yield Tolerance	IS 2508
331	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Hydraulic Characteristics (Internal Pressure Creep Rupture test of pipes & joints)	IS 4984
332	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Base Density	IS 4984
333	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Colour	IS 4984

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334	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Dimension (Length)	IS 4984
335	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Dimension (Outside Diameter)	IS 4984
336	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Dimension (wall Thickness)	IS 4984
337	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Elongation at Break	IS 4984
338	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Identification Stripes	IS 4984
339	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Longitudinal Reversion Test	IS 4984
340	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Ovality	IS 4984
341	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Slow Crack Growth Rate	IS 4984
342	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Tensile Strength for Butt-Fusion	IS 4984
343	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Visual Appearance	IS 4984
344	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pouches for Packaging Liquid Milk	Dart Impact Resistance	Is 11805
345	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pouches for Packaging Liquid Milk	Drop Test	IS 11805
346	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pouches for Packaging Liquid Milk	Elongation at Break	IS 11805
347	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pouches for Packaging Liquid Milk	Film Form	IS 11805
348	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pouches for Packaging Liquid Milk	General requirement (Visual Appearance)	IS 11805
349	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pouches for Packaging Liquid Milk	Ink Adhesion Test	IS 11805
350	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pouches for Packaging Liquid Milk	Leak Test	IS 11805
351	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pouches for Packaging Liquid Milk	Odour	IS 11805
352	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pouches for Packaging Liquid Milk	Slip (Kinetic Coefficient of Friction)	IS 11805

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353	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pouches for Packaging Liquid Milk	Tensile strength at break (Lengthwise and Crosswise)	IS 11805
354	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pouches for Packaging Liquid Milk	Thickness of Film	IS 11805
355	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pouches for Packaging Liquid Milk	Width of Film	IS 11805
356	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pouches for Packaging Liquid Milk	Winding of Film	IS 11805
357	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Dimension of cylindrical vertical tank (Overall Diameter)	IS 12701
358	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Density	IS 12701
359	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Dimension of cylindrical vertical tank (Overall Height)	IS 12701
360	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Dimensions of cylindrical Vertical Tank (Minimum Internal Diameter of Man Hole/Hand Hole)	IS 12701
361	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Dimensions of cylindrical Vertical Tank (Minimum Wall & Bottom thickness)	IS 12701
362	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Dimensions of cylindrical Vertical Tank (Minimum weight of Tank Without Lid)	IS 12701
363	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Dimensions of Rectangular Loft Tanks (Minimum Internal Dia of Hand Hole)	IS 12701
364	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Dimensions of Rectangular Loft Tanks (Minimum Wall & Bottom Thickness)	IS 12701
365	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Dimensions of Rectangular Loft Tanks (Minimum weight of Tank Without Lid)	IS 12701
366	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Dimensions of Rectangular Loft Tanks (Overall Height)	IS 12701
367	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Dimensions of Rectangular Loft Tanks (Overall Length)	IS 12701
368	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Dimensions of Rectangular Loft Tanks (Overall Width)	IS 12701

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369	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Finish	IS 12701
370	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Flexural Modulus	IS 12701
371	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Minimum Gross Capacity	IS 12701
372	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Minimum Net Capacity	IS 12701
373	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Resistance to Deformation	IS 12701
374	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Resistance to Impact	IS 12701
375	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Tensile Strength	IS 12701
376	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Test for Top Load Resistance	IS 12701
377	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Visual Inspection fro Flat area	IS 12701
378	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded Polyethylene water storage tanks	Wall Thickness upto and above Effective Height	IS 12701
379	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	Access Openings (Min Clear Opening- Diameter)	IS 14735
380	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	Chamfer	IS 14735
381	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	Colour	IS 14735
382	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	Design Requirement (Visual)	IS 14735
383	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 14735

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384	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	Hardness of Sealing Ring	IS 14735
385	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
386	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 14735
387	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 14735
388	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 (Minimum Stand-off Distance)	IS 14735
389	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	Socket & Spigot Dimensions for Seal Ring Fittings (Length of Beading Neck & Beyond Beading)	IS 14735
390	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	Socket & Spigot Dimensions for Seal Ring Fittings (Neck of Socket)	IS 14735
391	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	Socket & Spigot Dimensions for Solvent Cement & Seal Ring Fittings (Mean Inside Diameter)	IS 14735
392	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	Socket & Spigot Dimensions for Solvent Cement & Seal Ring Fittings (Mean Outside Diameter of Spigot Portion)	IS 14735
393	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	Socket & Spigot Dimensions for Solvent Cement Fittings (Socket Depth)	IS 14735
394	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	Vent Cowl (Socket Depth)	IS 14735

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395	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	Vent Cowl (Wall Thickness of Socket)	IS 14735
396	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	Visual Appearance	IS 14735
397	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
398	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
399	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (PVC-U) pipes for Soil & Waste Discharge System	Length of Pipe	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 Rainwater System	Axial Shrinkage	IS 13592
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 Rainwater System	Colour of pipe	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 Rainwater System	Dimension (Mean Outside Diameter)	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 Rainwater System	Dimension (Outside Diameter at any Point)	IS 13592
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 Rainwater System	Dimension (Wall Thickness)	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 Rainwater System	Dimensions for Grooved Socket(Inside Diameter of Socket & Beading)	IS 13592
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 Rainwater System	Dimensions for Grooved Socket(Length of Beading & Neck)	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 Rainwater System	Dimensions for Grooved Socket(Neck of Socket)	IS 13592

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING AND TECHNOLOGY (CIPET), PLOT NO. 198/201, BEHIND BIOGENETIC PVT . LTD. JHARMAJRI, DISTRICT : SOLAN, BADDI, HIMACHAL PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9439 **Page No** 25 of 26

Validity 19/04/2021 to 18/04/2023 **Last Amended on** -

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
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 Rainwater System	Dimensions for Sockets for Solvent Cement (Mean Inside Diameter)	IS 13592
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 Rainwater System	Dimensions for Sockets for Solvent Cement (Socket Depth)	IS 13592
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 Rainwater System	Effect of Sunlight	IS 13592
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 Rainwater System	Resistance to External Blow at 0°C (Impact Test)	IS 13592
412	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 Rainwater System	Reversion	IS 13592
413	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 Rainwater System	Tensile Strength (Before & After Exposure)	IS 13592
414	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 Rainwater System	Visual Appearance	IS 13592
415	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 Rainwater System	Wall Thickness of Sockets on Pipe	13592
416	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 Rainwater System	Water Tightness of Joint	IS 13592
417	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC pipes for potable water supplies	Density	IS 4985
418	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC pipes for potable water supplies	Dimension (Wall Thickness)	IS 4985
419	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC pipes for potable water supplies	Dimension (Diameter)	IS 4985
420	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC pipes for potable water supplies	Dimension of Socket (Length)	IS 4985
421	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC pipes for potable water supplies	Dimension of Socket (Wall Thickness)	IS 4985
422	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC pipes for potable water supplies	Dimension of Socket(Mean socket Inside Diameter at mid point)	IS 4985

SCOPE OF ACCREDITATION

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Last Amended on -

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
423	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC pipes for potable water supplies	Dimension of Socket(Minimum Depth of Engagement)	IS 4985
424	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC pipes for potable water supplies	Effective Length	IS 4985
425	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC pipes for potable water supplies	Hardness of sealing ring	IS 4985
426	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC pipes for potable water supplies	Internal Hydrostatic Pressure Test	IS 4985
427	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC pipes for potable water supplies	Opacity	IS 4985
428	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC pipes for potable water supplies	Pipe Ends	IS 4985
429	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC pipes for potable water supplies	Resistance to external blow at 0 °C	IS 4985
430	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC pipes for potable water supplies	Reversion Test	IS 4985
431	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC pipes for potable water supplies	Visual Appearance	IS 4985