National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CIPET : IPT KOCHI, EDAYAR ROAD,ELOOR, UDYOGAMANDAL P.O, KOCHI, KERALA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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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	Compostable Plastics	Carbon Dioxide Evolved Content (by conversion of carbon content of plastic material into gases under controlled composting conditions)	IS 17088, ISO 14855 part 1
2	CHEMICAL- PLASTIC & RESINS	Compostable Plastics	Carbon Dioxide Evolved Content (by conversion of carbon content of plastic material into gases under controlled composting conditions)	IS 17088,ASTM D 5338
3	CHEMICAL- PLASTIC & RESINS	Compostable Plastics	Heavy Metal Concentration	IS 17088, IS 16556- Annexe N, Annexe P and Annexe Q
4	CHEMICAL- PLASTIC & RESINS	Compostable Plastics	Percentage Disintegration	IS 17088, ISO 20200
5	CHEMICAL- PLASTIC & RESINS	Compostable Plastics	Percentage seed emergence test	IS 17088, SOP NO. CIP/KOC/WIN 39, dt.18th August 2020(OECD guidelines 208)
6	CHEMICAL- PLASTIC & RESINS	Containers	Environmental Stress Cracking Resistance	IS 8747
7	CHEMICAL- PLASTIC & RESINS	Containers	Overall Migration	IS 9845
8	CHEMICAL- PLASTIC & RESINS	Containers	Water potability	IS 15410 Annex B
9	CHEMICAL- PLASTIC & RESINS	Fibre Reinforced Plastics	Glass Fiber Content	IS 14399 Part 1 Annex E
10	CHEMICAL- PLASTIC & RESINS	FRP Door	Fire Retardancy	IS 14856 Annex H
11	CHEMICAL- PLASTIC & RESINS	FRP Door	Glass fiber content	IS 14856 Annex B
12	CHEMICAL- PLASTIC & RESINS	FRP Door	water Absorption	IS 14856 Annex G
13	CHEMICAL- PLASTIC & RESINS	HDPE pipe	Carbon Black Dispersion	IS 2530
14	CHEMICAL- PLASTIC & RESINS	HDPE pipe for portable water supplies	Overall Migration	IS 9845

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15	CHEMICAL- PLASTIC & RESINS	HDPE pipe for portable water supplies	Oxidation induction time	IS 4984 (Annex B)
16	CHEMICAL- PLASTIC & RESINS	HDPE pipe for portable water supplies-	Color	IS 4984
17	CHEMICAL- PLASTIC & RESINS	HDPE pipe for portable water supplies-Raw material	Volatile Matter	IS 4984 Annex C
18	CHEMICAL- PLASTIC & RESINS	HDPE Pipe,PE Films and masterbatch	Carbon Black Content	IS 2530
19	CHEMICAL- PLASTIC & RESINS	HDPE/PP woven Sack	Ash Content	IS 11652 Annex D
20	CHEMICAL- PLASTIC & RESINS	HDPE/PP woven sack	Ash Content	IS 14887 Annex D
21	CHEMICAL- PLASTIC & RESINS	HDPE/PP woven sacks	Ash Content	IS 16208 Annex D
22	CHEMICAL- PLASTIC & RESINS	Injection Molded PVC Fittings	Effect On water	IS 7834 Appendix C
23	CHEMICAL- PLASTIC & RESINS	PE Films	Ash Content	IS 4984
24	CHEMICAL- PLASTIC & RESINS	PE films	Overall migration	IS 9845
25	CHEMICAL- PLASTIC & RESINS	PE flexible films	Water Potability	IS 15609
26	CHEMICAL- PLASTIC & RESINS	PE Flexible pouches	Product resistance test for printed pouches	IS 15609
27	CHEMICAL- PLASTIC & RESINS	PE pipes for Irrigation Lateral	Environmental Stress Cracking resistance	IS 12786 AnnexD
28	CHEMICAL- PLASTIC & RESINS	PE pipes for irrigation lateral	Maximum Volatile Matter	IS 12786 Annex B
29	CHEMICAL- PLASTIC & RESINS	PE Pipes for Irrigation lateral	Toluene extract of carbon black	IS 12786 Annex A
30	CHEMICAL- PLASTIC & RESINS	PE Raw Material	Water Content	IS 4984 Annex D
31	CHEMICAL- PLASTIC & RESINS	PE water tanks	Carbon Black Content	IS 2530
32	CHEMICAL- PLASTIC & RESINS	Plastic Materials and Products	Specific migration	(EU)No10
33	CHEMICAL- PLASTIC & RESINS	Plastic Materials and Products	Specific Migration	SASO 624

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34	CHEMICAL- PLASTIC & RESINS	Plastic Products and materials	Specific Migration	1-95/Stds/Packaging/SP(L&C/A) /FSSAI-2017
35	CHEMICAL- PLASTIC & RESINS	Plastic raw Materials and Products	Ash Content	IS 13360 part 8 sec 8
36	CHEMICAL- PLASTIC & RESINS	Plastic Raw Materials and Products	Ash Content	ISO 3451 part 1
37	CHEMICAL- PLASTIC & RESINS	Plastic raw Materials and Products	Environmental Stress Cracking Resistance(ESCR)	ASTM D 1693
38	CHEMICAL- PLASTIC & RESINS	Plastic raw Materials and Products	Material Identification	ASTM E 1252
39	CHEMICAL- PLASTIC & RESINS	Plastic Raw materials and products	Oxidation induction Time	ASTM D 3895
40	CHEMICAL- PLASTIC & RESINS	Plastic Raw materials and products	Transition Temperature	ASTM D 3418
41	CHEMICAL- PLASTIC & RESINS	Plastic raw Materials and Products	Water Absorption	ASTM D 570
42	CHEMICAL- PLASTIC & RESINS	PVC Resin	K-Value	IS 4669
43	CHEMICAL- PLASTIC & RESINS	Resin and Block Board	Spot Test	IS 1659 Annex K
44	CHEMICAL- PLASTIC & RESINS	Resin and Plywood	Retention of Preservative	IS 2753 Part 1&2
45	CHEMICAL- PLASTIC & RESINS	UPVC & Fittings	Effect on water-Detection of Mercury	IS 3025 part 48
46	CHEMICAL- PLASTIC & RESINS	UPVC pipe for portable water supplies	Sulphated Ash Content	IS 4985 Annex C
47	CHEMICAL- PLASTIC & RESINS	UPVC pipe for portable water supplies	Effect On water	IS 12235 part 4& 10
48	CHEMICAL- PLASTIC & RESINS	UPVC pipe for portable water supplies-Resin	VCM Content	IS 10151 Annex A
49	CHEMICAL- PLASTIC & RESINS	UPVC Pipes	Effect On Water	IS 4985
50	CHEMICAL- PLASTIC & RESINS	UPVC Pipes	Resistance to DCM	IS 12235 part 11
51	CHEMICAL- PLASTIC & RESINS	UPVC Pipes and Fittings	Effect on water-Detection of Cadmium	IS 3025 part 41
52	CHEMICAL- PLASTIC & RESINS	UPVC Pipes and Fittings	Effect On water-Detection of lead	IS 3025 part47

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53	CHEMICAL- PLASTIC & RESINS	UPVC pipes and fittings	Effet on water	IS 12235 Part 4& 10
54	CHEMICAL- PLASTIC & RESINS	UPVC pipes and fittings	Resistance to Sulphuric Acid	IS 12235 part 7
55	CHEMICAL- PLASTIC & RESINS	UPVC Pipes and Fittings	Sulphated Ash Content	IS 14735 Annex B
56	CHEMICAL- PLASTIC & RESINS	UPVC Pipes and Fittings	Titanium dioxide content	IS 14735 Annex A
57	CHEMICAL- PLASTIC & RESINS	UPVC pipes for soil and waste discharge system	Color	IS 13592
58	CHEMICAL- PLASTIC & RESINS	UPVC Pipes for use in Underground Drainage and Sewerage Systems	Colour	IS 15328
59	CHEMICAL- PLASTIC & RESINS	Water tank	Carbon Black Dispersion	IS 2530
60	CHEMICAL- PLASTIC & RESINS	Water Tank	Overall Migration	IS 9845
61	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Conduit for electrical Installations	Resistance to burning	IS 9537 part 1
62	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Conduit for electrical insulations	Electrical Strength	IS 9537 part 1
63	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Conduit for electrical insulations	Insulation Resistance test	IS 9537 Part 1
64	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Containers	Capacity	IS 2798
65	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Containers	Drop Test	IS 2798
66	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Containers	Leakage Test	IS 2798
67	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Containers	Transparency	IS 15410 Annex A
68	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Containers	Wall Thickness	IS 2798
69	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Containers	Workmanship/ Appearance	IS 15410
70	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Containers and Flexible pouches for Packaging	Transparency	ASTM D 1003
71	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Films	Ageing test	IS 7016 Part 8

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72	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Films	Seal Strength	ASTM F 88
73	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	FIlms	Tear resistance	IS 2508 Annex B
74	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible pouches for Packaging	Drop Test	IS 15609
75	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible pouches for Packaging	Ink adhesion test	IS 15609
76	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible pouches for Packaging	Leakage Test	IS 15609
77	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible pouches for Packaging	Stack load test	IS 15609
78	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE pipe for Laterals	Visual Appearance	IS12786
79	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE pipe for portable water supplies	Elongation at Break	IS 4984 Annex H
80	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE pipe for portable water supplies	Tensile Strength for Butt Fusion	IS 4984 Annex G
81	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE pipe for sewerage	Visual Appearance	IS14333
82	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Pipes	Dimensions	IS 4984
83	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Pipes	Hydraulic characteristics(IPCR)Test	IS 4984 (Annex E)
84	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Pipes	Reversion Test	IS 4984 (Annex F)
85	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Pipes	Slow Crack growth rate	IS 4984 Annex E &J
86	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Pipes	Visual Appearance	IS 4984
87	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Pipes and Fittings	Wrokmanship & Appearance	IS14151 (Part2)
88	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Pipes and Fittings, PE pipes for Irrigation(QCPE, Laterals)	Density	IS 7328
89	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Pipes and Fittings, PE pipes for Irrigation (QCPE, Laterals)	Melt Flow Rate	IS 2530
90	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE pipes for sewerage	Dimensions	IS14333

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91	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE pipes for sewerage	Hydrostatic Characteristics	IS 14333(Annex B)
92	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE pipes for sewerage	Reversion Test	IS 14333 (Annex C)
93	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE sprinkler pipes	Visual Appearance	IS14151 (Part1)
94	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks	Average Breaking strength of fabric	IS 1969
95	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks	Average Breaking strength of seam	IS 9030
96	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks	Dimensions	IS 11652
97	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks	Dimensions	IS 14887
98	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks	Dimensions	IS 1954
99	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks	Dimensions	IS 9755
100	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks	Elongation at Break	IS 1969
101	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks	Ends per dm & Picks per dm	IS 1963
102	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks	Ends per dm & Picks per dm	IS 9755
103	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks	Ends per dm & Picks per dm	IS 14887
104	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks	Ends per dm &Picks per dm	IS 11652 Annex B
105	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks	Linear density	IS 7703 (part1)
106	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/ PP Woven Sacks	Mass of sack	IS 1964
107	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP Woven sack	Drop impact test	IS 11652 Annex C
108	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP woven sacks	Ends per dm and Picks per dm	IS 16208 Annex B
109	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation equipment Sprinkler pipe	Hydraulic proof test	IS 14151 part2

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110	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation equipment sprinkler pipe	Internal pressure creep rupture for fusion(Fusion Compatibility)	IS 14151 part 1 Annex A
111	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation equipment sprinkler pipe	Shore hardness of rubber ring	IS 1415 part 2
112	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation equipment sprinkler pipe	Weldability	IS 14151 part 1
113	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE pipes for Irrigation (QCPE, Laterals)	Elongation at break	IS12786
114	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE pipes for Irrigation (QCPE, Laterals)	Hydrostatic Characteristics	IS12786
115	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE pipes for Irrigation (QCPE, Laterals)	Reversion Test	IS12786
116	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE pipes for Irrigation (QCPE, Laterals)	Tensile Strength	IS 12786
117	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE pipes for Irrigation (QCPE, Laterals)	Dimensions	IS12786
118	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE sprinkler fittings	Dimensions	IS14151 (Part2)
119	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE sprinkler fittings	Leakage Test(Hydrostatic Characteristics)	IS14151 (Part2)
120	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE sprinkler pipes	Dimensions	IS14151 (Part1)
121	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE sprinkler pipes	Elongation at break	IS14151 (Part 1)
122	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE sprinkler pipes	Hydrostatic Characteristics	IS14151 (Part1)
123	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE sprinkler pipes	Reversion Test	IS14151 (Part 1)
124	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE sprinkler pipes	Tensile Strength	IS 14151(Part 1)
125	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Raw material and products	Flexural Modulus	ASTM D 790
126	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Raw material and products	Izod Impact Strength	ASTM D 256
127	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Raw material and products	Izod Impact Strength	ISO 180
128	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Raw material and products	Melt Flow Index	ASTM D 1238

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129	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Raw Materials and Products	Charpy impact Strength	ASTM D 6110
130	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Raw Materials and Products	Charpy impact Strength	ISO 179
131	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Raw Materials and Products	Compressive Strength	ASTM D 695
132	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Raw Materials and Products	Density	ASTM D 792
133	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Raw Materials and Products	Durometer Hardness (A&D)	ASTM D2240
134	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Raw Materials and Products	Elongation at Break	ASTM D 412
135	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Raw Materials and Products	Elongation at Break	ASTM D 882
136	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Raw Materials and Products	Elongation at Break	ISO 527
137	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Raw Materials and Products	Flexural Strength	ASTM D790
138	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Raw Materials and Products	Heat Deflection Temperature	ASTM D 648
139	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Raw Materials and Products	Izod impact Strength	ASTM D 256
140	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Raw Materials and Products	Izod impact Strength	ISO 180
141	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Raw Materials and Products	Melt Flow Index	ASTM D1238
142	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Raw Materials and Products	Melt Flow Index	ISO 1133
143	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Raw Materials and Products	Tensile Modulus	ASTM D 638
144	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Raw Materials and Products	Tensile Modulus	ASTM D412
145	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Raw Materials and Products	Tensile Modulus	ASTM D882
146	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Raw Materials and Products	Tensile Strength	ASTM D 412
147	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Raw Materials and Products	Tensile Strength	ASTM D 638

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148	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Raw Materials and Products	Tensile Strength	ASTM D 882
149	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Raw Materials and Products	Vicat Softening Temperature	ASTM D 1525
150	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics raw materials and products	UV Exposure of plastics and plastic products	ASTM G 154
151	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films	Dart Impact Resistance	IS 13360 (Part5/Sec6) Method B
152	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films	Dart Impact Resistance	IS 13360 Part5 Sec 6 Method B
153	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films	Density	IS 13360(Part 3 / Sec 1)
154	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films	Density	IS 2508
155	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films	Elongation at Break	IS 13360 (Part5/Sec1)
156	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films	Elongation at Break	IS 13360 (Part5/Sec3)
157	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films	Elongation at Break	IS 2508
158	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films	Melt Flow Index	IS 13360 (Part4/Sec1)
159	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films	Melt Flow Index	IS 2508
160	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films	Tensile Strength	IS 13360 (Part5/Sec1)
161	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films	Tensile Strength	IS 13360 (Part5/Sec3)
162	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films	Tensile Strength	IS 2508
163	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films	Thickness	IS 2508 Annex A
164	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Films	Visual appearance	IS 2508
165	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene Random Copolymer (PPR) pipes	Density	IS12235(Part14)
166	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene Random Copolymer (PPR) pipes	Dimensions	DIN 8077

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167	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene Random Copolymer (PPR) pipes	Dimensions	IS15801
168	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene Random Copolymer (PPR) pipes	Hydrostatic Pressure Resistance /Strength	DIN 16962
169	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene Random Copolymer (PPR) pipes	Hydrostatic Pressure Resistance /Strength	DIN 8077
170	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene Random Copolymer (PPR) pipes	Hydrostatic Pressure Resistance /Strength	IS12235(Part 8
171	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene Random Copolymer (PPR) pipes	Reversion	DIN 8078
172	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene Random Copolymer (PPR) pipes	Reversion	IS12235(Part 5)
173	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene Random Copolymer (PPR) pipes	Visual appearances /Surface Finish	DIN 8077
174	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene Random Copolymer (PPR) pipes	Visual appearances /Surface Finish	IS15801
175	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PP pipe fittings	Density	ISO 1183(Part 1)
176	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PP pipe fittings	Dimensions	DIN16962
177	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PP pipe fittings	Visual appearances /Surface Finish	DIN16962
178	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PP pipes & fittings	Hydrostatic Pressure Resistance /Strength	ASTM D 1599
179	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PP/HDPE Woven sack	UV Resistance	IS 11652 annex-F
180	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PP/HDPE Woven sack	UV Resistance	IS 14887 Annex C
181	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PP/HDPE woven sack	UV Resistance	IS 16208 Annex C
182	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PP/HDPE Woven sack	UV Resistance	IS 9755 : Annx-D
183	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Moulded Polyethylene water storage tank and lid	Capacity/Net Capacity, Gross Capacity	IS 12701
184	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Moulded Polyethylene water storage tank and lid	Dimensions	IS 12701
185	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Moulded Polyethylene water storage tank and lid	Finish / Visual appearance	IS 12701

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186	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Moulded Polyethylene water storage tank and lid	Flexural Modulus	IS13360(Part.5/Sec.7)
187	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Moulded Polyethylene water storage tank and lid	Tensile Strength	IS 13360(Part 5/Sec.1)
188	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Moulded Polyethylene water storage tank and lid	Top Load Resistance	IS 12701
189	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Moulded Polyethylene water storage tank and lid	Weight of Tank	IS 12701
190	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC conduits	Bending Test	IS 9537(Part 3)
191	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC conduits	Collapse Test	IS 9537(Part 1)
192	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Conduits	Collapse Test	IS 9537(Part 3)
193	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC conduits	Compression Test	IS9537(Part1)
194	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Conduits	Dimensions	IS9537(Part3)
195	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Conduits	Impact test	IS 9537(Part 1)
196	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC conduits	Resistance to heat	IS 9537(Part 3)
197	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC fitings	Dimensions	IS 10124(Part 1)
198	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC fititngs	Hydrostatic Characteristics	IS 10124(Part 1): Annex A
199	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC fittings	Dimensions	IS 14735
200	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC fittings	Dimensions	IS 7834 (Part1to8)
201	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC fittings	Hydrostatic Characteristics	IS 7834 (Part 1)Appendix D
202	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC fittings	Impact Test (Drop Test)	IS 14735 (Annex C)
203	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC fittings	Opacity	IS 12235 part 3
204	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC fittings	Opacity	IS 7834

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205	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Fittings	Stress Relief	IS 7834(Part 1)Appendix A
206	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Fittings	Vicat Softening Point	IS 6307
207	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC fittings	Visual Appearance	IS 14735
208	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Fittings	Water Tightness of Joint	IS 14735 (Annex D)
209	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC pipes	Axial Shrinkage	IS 13592(Annex D)
210	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC pipes	Density	IS 12235(Part 14)
211	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes	Dimensions	IS 12235(Part1)
212	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes	Effect of sunlight	IS 12235 part 13
213	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC pipes	Hydrostatic Characteristics	IS 12235(Part 8/Sec.1)
214	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC pipes	Opacity	IS 12235(Part 3):
215	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes	Resistance to external blows at 0°C	IS 12235 part9
216	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes	Resistance to external Blows at 0°C	IS 12235(Part 9)
217	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC pipes	Resistance to External Blows at 0°C	IS 4985
218	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes	Reversion	IS 12235 part 5
219	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes	Reversion Test	IS 12235 (Part 5)
220	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC pipes	Stress Relief Test	IS 12235(Part 6)
221	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes	Tensile Strength	IS 12235 part 13
222	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC pipes	Tensile Strength	IS 12235(Part 13)
223	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes	Vicat Softening Point	IS 12235 part 2

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224	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC pipes	Visual Appearance	IS 13592
225	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes	Visual Appearance	IS 4985
226	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes	Water Tightness of joints	IS 13592
227	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for potable water supply	Socket Dimension	IS 4985
228	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for use in Underground Drainage and Sewerage Systems	Dimension of sealing rings	IS 15328
229	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for use in Underground Drainage and Sewerage Systems	Resistance to external blows at 0°C	IS 15328 Annex B
230	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for use in Underground Drainage and Sewerage Systems	Ring Stiffness	IS 15328
231	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for use in Underground Drainage and Sewerage Systems	Vicat Softening Point	IS 15328 Annex A
232	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for use in Underground Drainage and Sewerage Systems	Visual Appearance	IS 15328
233	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for use in Underground Drainage and Sewerage Systems	Internal Hydrostatic Pressure	IS 15328 Annex D
234	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for use in Underground Drainage and Sewerage Systems	Internal Hydrostatic Pressure-Solvent Cemented Joints	IS 15328
235	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes for use in Underground Drainage and Sewerage Systems	Internal Negative Hydrostatic Pressure-Sealing ring & Solvent cement joints	IS 15328
236	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Water tank	Flexural Modulus	IS 13360 part 5 sec7
237	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Water Tank	Resistance to Deformation	IS 12701
238	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Water tank	Resistance to impact	IS 12701
239	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Water Tank	Tensile Strength	IS 13360 part 5sec1
240	MECHANICAL- WOOD AND WOOD PRODUCTS	Synthetic Resin Adhesives for Plywood	Cyclic test	IS 848
241	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Board	Adhesion of Plies	IS 1659 Annex G

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242	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Board	Dimensional Change caused by Humidity	IS 1659
243	MECHANICAL- WOOD AND WOOD PRODUCTS	Block board	Dimensions	IS 1659
244	MECHANICAL- WOOD AND WOOD PRODUCTS	Block board	Edge Straightness	IS 1659
245	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Board	Modulus of eleasticity	IS 1659 Annex J
246	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Board	Modulus of Rupture	IS 1659 annex J
247	MECHANICAL- WOOD AND WOOD PRODUCTS	Block board	Resistance to water	IS 1659 Annex F
248	MECHANICAL- WOOD AND WOOD PRODUCTS	Block board	Squareness	IS 1659
249	MECHANICAL- WOOD AND WOOD PRODUCTS	Block borad	Mycological test	IS 1659 Annex H
250	MECHANICAL- WOOD AND WOOD PRODUCTS	FRP Door	Bending strength	S 14856 Annex E
251	MECHANICAL- WOOD AND WOOD PRODUCTS	FRP Door	Dimensions	IS 4020 Part 2
252	MECHANICAL- WOOD AND WOOD PRODUCTS	FRP Door	Elastic Modulus in bend	IS 14856 (Annex F)
253	MECHANICAL- WOOD AND WOOD PRODUCTS	FRP Door	Impact Indentation	IS 4020:(Part 5)
254	MECHANICAL- WOOD AND WOOD PRODUCTS	FRP Door	Slamming Test	IS 4020Part 10
255	MECHANICAL- WOOD AND WOOD PRODUCTS	FRP Door	Tensile strength	IS 14856 Annex D
256	MECHANICAL- WOOD AND WOOD PRODUCTS	General purpose Plywood	Dimensions	IS 303
257	MECHANICAL- WOOD AND WOOD PRODUCTS	General Purpose Plywood	Edge Straightness	IS 303
258	MECHANICAL- WOOD AND WOOD PRODUCTS	General purpose plywood	Squareness	IS 303
259	MECHANICAL- WOOD AND WOOD PRODUCTS	General purpose Plywood	Workmanship& Finish	IS 303
260	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine Plywood	Dimensions	IS 710

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261	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine Plywood	Edge Squareness	IS 710
262	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine Plywood	Squareness	IS 710
263	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine Plywood	Workmanship & Finish	IS 710
264	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Glue Adhesion	IS 1734 part 5
265	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Glue shear Strength	IS 1734 part 4
266	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Mycological test	IS 1734 part 7
267	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Static bending Strength	IS 1734 part 11
268	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Tensile Strength	IS 1734 Part 9
269	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Thickness	IS 1659
270	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Thickness	IS 4990
271	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Thickness	IS 710
272	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood and veneer	Moisture Content	IS 1734 part 1
273	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood and veneer	Thickness	IS 303
274	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for Concrete shuttering works	Dimensions	IS 4990
275	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for Concrete shuttering works	Edge Straightness	IS 4990
276	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for Concrete shuttering works	Sqaureness	IS 4990
277	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for Concrete shuttering works	Workmanship & Finish	IS 4990
278	MECHANICAL- WOOD AND WOOD PRODUCTS	Specification for Synthetic Resin Adhesives for Plywood (Phenolic And Aminoplastic)	Acidity and alkalinity(pH)	IS 848