National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY, NH 31, P.O: CHANGSARI, GUWAHATI, KAMRUP, ASSAM, 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	CONSTITUENTS OF PLASTICS MATERIALS AND ARTICLES INTENDED TO COME IN CONTACT WITH FOODSTUFFS	Migration Test	IS 9845
2	CHEMICAL- PLASTIC & RESINS	Containers for packaging of natural mineral water and packaged drinking water	Water Potability Test	IS 15410
3	CHEMICAL- PLASTIC & RESINS	HDPE/PP woven sacks for packing fertilizers	Ash content	IS 9755
4	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment –Polyethylene pipes for irrigation Laterals	ESCR	IS 12786
5	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment –Polyethylene pipes for irrigation Laterals	Maximum Volatile Content	IS 12786
6	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment –Polyethylene pipes for irrigation Laterals	Reversion test	IS 12786
7	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment –Polyethylene pipes for irrigation Laterals	Toluene Extract	IS 12786
8	CHEMICAL- PLASTIC & RESINS	PE moulding materials and PE compound	Carbon Black Dispersion	IS 2530
9	CHEMICAL- PLASTIC & RESINS	PE Films & Sheets	Ash content	IS 13360 (P-8/S-8)
10	CHEMICAL- PLASTIC & RESINS	PE pipe	Oxidation induction time (OIT)	IS 4984
11	CHEMICAL- PLASTIC & RESINS	PE pipe for water supply	Ash content	IS 4984
12	CHEMICAL- PLASTIC & RESINS	PE pipe for water supply,Polyethylene Pipes for Sewerage and Industrial Chemicals and Effluent	Longitudinal Reversion	IS 4984
13	CHEMICAL- PLASTIC & RESINS	PE Pouches for packaging of natural mineral water and packaged drinking water	Food grade requirement (overall migration)	IS 9845
14	CHEMICAL- PLASTIC & RESINS	PE Pouches for packaging of natural mineral water and packaged drinking water	Water Potability test	IS 15609
15	CHEMICAL- PLASTIC & RESINS	Permanently lubricated HDPE Telecom Ducts for use as under ground optical fiber cable conduits	ESCR	ASTMD 1693
16	CHEMICAL- PLASTIC & RESINS	Plastic & Resin	Vinyl chloride monomer (VCM)	IS 10151
17	CHEMICAL- PLASTIC & RESINS	Plastic material	Material identification (Burning test & Melting point)	IS 13360(P-6/S-10)
18	CHEMICAL- PLASTIC & RESINS	Plastic material	Moisture content	ASTMD 817

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19	CHEMICAL- PLASTIC & RESINS	Plastic product	Water absorption	IS 13360(P-8/Sec 1)
20	CHEMICAL- PLASTIC & RESINS	Plastic product and raw material	Ash content / Filler content	ISO 3451
21	CHEMICAL- PLASTIC & RESINS	Plastics & Polymer	Material Identification	ASTM E 1252
22	CHEMICAL- PLASTIC & RESINS	Polyethylene Material for Moulding and Extrusion	Colour bleeding	IS 2530
23	CHEMICAL- PLASTIC & RESINS	Polyethylene Material for Moulding and Extrusion	Colour fastness to water	IS 2530
24	CHEMICAL- PLASTIC & RESINS	POLYETHYLENE MOULDING MATERIALS AND POLYETHYLENE COMPOUNDS	Carbon Black Content	IS 2530
25	CHEMICAL- PLASTIC & RESINS	Polyethylene Pipes for Sewerage and Industrial Chemicals and Effluent	Ash content	IS 14333
26	CHEMICAL- PLASTIC & RESINS	Polyethylene pipes for the supply of gaseous fuels	Reversion	IS 14885
27	CHEMICAL- PLASTIC & RESINS	Polyethylene pipes for the supply of gaseous fuels	Volatile matter content	IS 14885
28	CHEMICAL- PLASTIC & RESINS	Polypropylene Random Copolymer Pipes for hot and cold water supplies	Influence on water intended for human consumption (Overall migration)	IS 9845
29	CHEMICAL- PLASTIC & RESINS	PVC Resin	K-Value	IS 4669
30	CHEMICAL- PLASTIC & RESINS	resin of PE pipe for water supply & Polyethylene Pipes for Sewerage and Industrial Chemicals and Effluent	Volatile content	IS 4984
31	CHEMICAL- PLASTIC & RESINS	Resin of PE pipe for water supply & Polyethylene Pipes for Sewerage and Industrial Chemicals and Effluent	water content	IS 4984
32	CHEMICAL- PLASTIC & RESINS	Solvent Cement for use with Unplasticised Polyvinyl chloride Plastic Pipe and Fittings	Viscosity	IS 14182
33	CHEMICAL- PLASTIC & RESINS	Solvent Cement for use with Unplasticized Polyvinyl Chloride Plastic Pipe and Fittings	Dissolution	IS 14182
34	CHEMICAL- PLASTIC & RESINS	Textiles- HDPE/PP Woven Sacks for filling sand	Ash content	IS 14252
35	CHEMICAL- PLASTIC & RESINS	Textiles- HDPE/PP Woven Sacks for Packaging of 10kg,15kg,20kg,25kg & 30kg food grains	Ash Content	IS 16208
36	CHEMICAL- PLASTIC & RESINS	Textiles- HDPE/PP Woven Sacks for Packaging of 50kg/25kg Sugar	Ash Content	IS 14968

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37	CHEMICAL- PLASTIC & RESINS	Textiles- HDPE/PP Woven Sacks for Packing of 50 kg food grains	Ash Content	IS 14887
38	CHEMICAL- PLASTIC & RESINS	Textiles-HDPE /PP Woven Sacks for Packaging of 50 kg Cement	Ash content	IS 11652
39	CHEMICAL- PLASTIC & RESINS	Thermoplastics pipe & fittings	Resistance to sulphuric acid	IS 12235 (P-7)
40	CHEMICAL- PLASTIC & RESINS	Thermoplastics Pipe and Fittings	Effect on water (Detrimental effect on the composition of water flowing through plastics pipes and fittings)	IS 12235 (P-4 & P-10))
41	CHEMICAL- PLASTIC & RESINS	THERMOPLASTICS PIPES AND FITTINGS	Reversion	IS 12235 (P-5/S-1& S-2)
42	CHEMICAL- PLASTIC & RESINS	UPVC Injection Moulded Fittings For Soil & Waste Discharge System For Inside & Outside Buildings Including Ventilation And Rain Water System	Titaninum dioxide content	IS 14735
43	CHEMICAL- PLASTIC & RESINS	UPVC Injection Moulded fittings for Soil & Waste discharge system for inside & outside buildings including ventilation & rain water system	Sulphated Ash Content	IS 14735
44	CHEMICAL- PLASTIC & RESINS	UPVC pipe for potable water supplies	Sulphated ash content	IS 4985
45	CHEMICAL- PLASTIC & RESINS	UPVC pipe for soil and waste discharge system	Resistance to Dichloromethane at specified temperature	IS 12235 (P-11)
46	CHEMICAL- PLASTIC & RESINS	UPVC Pipes(Duct) and fittings for underground Telecommunications Cable Installation	Resistance to Chemical action	IS 14787
47	CHEMICAL- PLASTIC & RESINS	UPVC Pipes(Duct) andfittings fo runderground Telecommunication Cable Installation	Ash Content	IS 14787
48	CHEMICAL- PLASTIC & RESINS	UPVC Pipes(Duct) andfittings fo runderground Telecommunication Cable Installation	Titaninum dioxide content	IS 14787
49	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	solvent cements to be used in joining unplasticized polyvinyl chloride pipe and fittings	Lap Shear Strength	IS 14182
50	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Chlorinated (CPVC) pipes for potable hot and cold water distribution supplies	Flattening test	IS 12235(P-19)
51	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Chlorinated (CPVC) pipes for potable hot and cold water distribution supplies	Length	IS 15778
52	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	CONTAINERS FOR PACKAGING OF NATURAL MINERAL WATER AND PACKAGED DRINKING WATER	Wall thickness	IS 2798
53	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fabricated PVC Fittings for Potable Water Supplies	Dimensions (Diameter)	IS 10124(P-1 to P-13)

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54	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fabricated PVC Fittings for Potable Water Supplies	Opacity	IS 10124 (P-1 to P-13)
55	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fabricated PVC Fittings for Potable Water Supplies	Short Term Hydraulic Test	IS 10124(P-1 to P-13)
56	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Flexible pouches made from co-extruded polyethylene film for packing natural mineral water and packaged drinking water	Vibration Leakage Test	is 15609
57	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Crates for Milk Satchets	Dimensional stability	IS 11584
58	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Crates for Milk Satchets	Length	IS 11584
59	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Crates for Milk Satchets	Mass	IS 11584
60	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Crates for Milk Satchets	Resistance to applied load	IS 11584
61	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Crates for Milk Satchets	Resistance to drop	IS 11584
62	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Crates for Milk Satchets	Resistance to low temperature drop	IS 11584
63	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE Crates for Milk Satchets	Resistance to stress	IS 11584
64	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE pipes for Sewerage	Hydraulic characteristics (both Type & Acceptance)	IS 12786
65	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE pipes for Sewerage	Length of pipe	IS 14333
66	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP woven sacks for packing fertilizers	Picks per dm	IS 9755
67	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP woven sacks	Mass of fabric	IS 1964
68	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP woven sacks for packing fertilizers	Capacity	IS 9755
69	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP woven sacks for packing fertilizers	Ends per dm	IS 9755
70	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP woven sacks for packing fertilizers	Exposed to UV radiation and weathering	IS 9755
71	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP woven sacks for packing fertilizers	Length of sack	IS 9755

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72	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP woven sacks for packing fertilizers	Liner thickness	IS 2508
73	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP woven sacks for packing fertilizers	Liner width	IS 9755
74	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP woven sacks for packing fertilizers	Mass of sack	IS 9755
75	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP woven sacks for packing fertilizers	Visual check or bottom seam	IS 9755
76	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE/PP woven sacks for packing fertilizers	Width of sack	IS 9755
77	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High density polyethylene (HDPE)/polypropylene (PP) woven sacks used for filling sand.	Length of sack	IS 14252
78	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High density PE film	Thickness	IS 10889
79	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High density PE film	Width	IS 10889
80	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High densitypolyethy (HDPE)/polypro (PP) woven sacks used for filling sand	Width of sack	IS 14252
81	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Injection moulded PVC socket fittings with solvent cements joints for water supplies	Diameter at mid-point of Socket Length	IS 7834 (P-1 to P-8)
82	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Injection moulded PVC socket fittings with solvent cements joints for water supplies	Opacity	IS 7834(P-1 to 8)
83	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Injection moulded PVC socket fittings with solvent cements joints for water supplies	Short term hydraulic test	IS 7834(P-1 to 8)
84	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Injection moulded PVC socket fittings with solvent cements joints for water supplies	Socket Length	IS 7834 (P-1 to P-8)
85	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Injection moulded PVC socket fittings with solvent cements joints for water supplies	Sterss relief test	IS 7834(P-1 to 8)
86	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Injection moulded PVC socket fittings with solvent cements joints for water supplies	Thickness	IS 7834 (P-1 to P-8)
87	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment –Polyethylene pipes for irrigation Laterals	Density	IS 12786
88	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment –Polyethylene pipes for irrigation Laterals	Dimensions (Diameter)	IS 12786
89	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment –Polyethylene pipes for irrigation Laterals	Dimensions (Wall thickness)	IS 12786
90	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment –Polyethylene pipes for irrigation Laterals	Elongation at break	IS 12786

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91	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment –Polyethylene pipes for irrigation Laterals	Tensile strength	IS 12786
92	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Low Density Polyethylene Film	Elongation at Break	IS 2508
93	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Man-made fibres continuous filament flat yarn	Linear Density	IS 7703(P-1)
94	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Man-made fibres continuous filament flat yarn.	Tenacity	IS 7703(P-2)
95	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Monoaxillay oriented HDPE Tape	Heat shrinkage (at 60 deg. Celsius & 95 deg. Celsius)	IS 6193
96	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Monoaxillay oriented PP Tape	Dimensional stability (at 125 deg. Celsius & 10 min)	IS 11197
97	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Monoaxillay oriented PP Tape	Melt Flow Rate	ASTMD 1238
98	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Monoaxillay oriented PP Tape	Tenacity	IS 703(P-2)
99	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Monoaxillay oriented PP Tape	Thickness of the tape	IS 6193
100	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Monoaxillay oriented PP Tape	Width of the tape	IS 6193
101	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE Films & Sheets	Ageing test	IS 7016(P-8),Cl. no.4
102	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE Films & Sheets	Dart Impact strength	IS 13360)P-5/S-6)
103	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE Films & Sheets	Puncture resistance	IS 2508
104	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE Films & Sheets	Tear resistance	IS 2508
105	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE Films & Sheets	Width	IS 2508
106	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE pipe for water supply	Dimension (MOD)	IS 4984
107	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE pipe for water supply	Dimension (Out side diameter at any point OD)	IS 4984
108	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE pipe for water supply	Dimension (Thickness)	IS 4984
109	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE pipe for water supply	Length	IS 4984

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110	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE pipe for water supply	Slow crack growth rate	IS 4984
111	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE pipe for water supply	Tensile strength for butt fusion	IS 4984
112	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE pipe for water supply & Polyethylene Pipes for Sewerage and Industrial Chemicals and Effluent	Elongation at break	IS 4984
113	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE pipe for water supply & Polyethylene Pipes for Sewerage and Industrial Chemicals and Effluent	Yield strength	IS 4984
114	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE Pouches for packaging liquid milk	Drop Test	IS 11805
115	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE Pouches for packaging liquid milk	Leakage Test	IS 11805
116	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE Pouches for packaging liquid milk	Printing Requirements	IS 11805
117	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE Pouches for packaging liquid milk	Sealing property	IS 11805
118	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE Pouches for packaging liquid milk	Slip	IS 2508
119	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE Pouches for packaging liquid milk	Thickness	IS 11805
120	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE Pouches for packaging liquid milk	Visual check of printing	IS 11805
121	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE Pouches for packaging of natural mineral water and packaged drinking water	Dart Impact Resistance	IS 2508
122	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE Pouches for packaging of natural mineral water and packaged drinking water	Drop Test	IS 15609
123	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE Pouches for packaging of natural mineral water and packaged drinking water	Ink adhesion of printed pouches	IS 15609
124	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE Pouches for packaging of natural mineral water and packaged drinking water	Product resistance of printed pouches	IS 15609
125	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE Pouches for packaging of natural mineral water and packaged drinking water	Stack load test	IS 15609
126	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE Pouches for packaging of natural mineral water and packaged drinking water	Tensile Strength	IS 2508
127	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE Pouches for packaging of natural mineral water and packaged drinking water	Thickness	IS 2508
128	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE Pouches for packaging of natural mineral water and packaged drinking water	Width	IS 11805

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129	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PE Pouches for packaging of natural mineral water and packaged drinking water	Width	IS 15609
130	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Permanently lubricated HDPE Telecom Ducts for use as under ground optical fiber cable conduits	Dimension (Diameter)	GR/CDS-08/02
131	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Permanently lubricated HDPE Telecom Ducts for use as under ground optical fiber cable conduits	Elongation at break	ASTMD 638
132	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Permanently lubricated HDPE Telecom Ducts for use as under ground optical fiber cable conduits	Flexural modulus	ASTMD 790
133	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Permanently lubricated HDPE Telecom Ducts for use as under ground optical fiber cable conduits	Hardness (Shore D)	ASTMD 2240
134	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Permanently lubricated HDPE Telecom Ducts for use as under ground optical fiber cable conduits	Heat deflection temperature	ASTMD 648
135	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Permanently lubricated HDPE Telecom Ducts for use as under ground optical fiber cable conduits	Hydraulic characteristic (Acceptance & Type)	IS 4984
136	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Permanently lubricated HDPE Telecom Ducts for use as under ground optical fiber cable conduits	Tensile strength	ASTMD 638
137	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Permanently lubricated HDPE Telecom Ducts for use as under ground optical fiber cable conduits	Crush resistance	GR/CDS-08/02Nov
138	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Permanently lubricated HDPE Telecom Ducts for use as under ground optical fiber cable conduits	Internal co-efficient of friction	GR/CDS-08/02Nov
139	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Permanently lubricated HDPE Telecom Ducts for use as under ground optical fiber cable conduits	Mandrel test	GR/CDS-08/02.Nov
140	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Permanently lubricated HDPE Telecom Ducts for use as under ground optical fiber cable conduits	Ovality	GR/CDS-08/02Nov
141	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Permanently lubricated HDPE Telecom Ducts for use as under ground optical fiber cable conduits	Weathering in artificial light	GR/CDS-08/02Nov
142	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic	Elongation	IS 13360(P-5/Sec-1,Sec- 2, S-3)
143	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic container	Capacity	IS 2798
144	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic containers	Drop Test	IS 2798
145	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic containers	Leakage Test	IS 2798
146	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic pipe and fittings	Mean Internal Diameter of Socket	IS 12235 (P-1)
147	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic product	Flexural Modulus	IS 13360(P-5/S-7)

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148	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic- Cellular plastic	Density	IS 13360 (P-3/S-1)
149	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	plastics	Tensile Strength	IS 13360(P-5/S-1,S-2,S-3)
150	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PLASTICS — METHODS OF TESTING	MFI	IS 13360 (P-4/S-1)
151	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics container	Transparency	IS 15410
152	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Material for Moulding and Extrusion	Density	ASTMD 792
153	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Material for Moulding and Extrusion	Density	IS 7328
154	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene material & compound	Melt Flow Rate	IS 2530
155	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene pipes for the supply of gaseous fuels	Dimension (Diameter)	IS 14885
156	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene pipes for the supply of gaseous fuels	Effect of Gas constituents on the Hydrostatic strength	IS 14885
157	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene pipes for the supply of gaseous fuels	Elongation at break	IS 14885
158	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene pipes for the supply of gaseous fuels	Hydraulic characteristics	IS 14885
159	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene pipes for the supply of gaseous fuels	Length of pipe	IS 14885
160	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene pipes for the supply of gaseous fuels	Resistance to weathering (Exposure to sunlight)	IS 14885
161	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene pipes for the supply of gaseous fuels	Tensile yield strength	IS 14885
162	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene pipes for the supply of gaseous fuels	Thermal Stability	IS 14885
163	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene Random Copolymer Pipes for hot and cold water supplies	Dimension (Diameter)	IS 15801
164	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene Random Copolymer Pipes for hot and cold water supplies	Fusion Compatibility test	IS 12235(P-8/S-1)
165	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene Random Copolymer Pipes for hot and cold water supplies	Length	IS 15801
166	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene-random co polymer pipes	Impact Strength	IS 15801

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167	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polypropylene-random co polymer pipes	Thickness	IS 15801
168	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PVC Resin for PVC screen and casing pipe for bore/tube wells	Hardness of sealing element (Shore A)	IS 12818
169	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Moulded Polyethylene water storage Tank	Height ,Diameter(Overall, effective ht., Overall dia, Rim Ht. ,Int. Dia. Manhole / Hand Hole)	IS 12701
170	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Moulded Polyethylene water storage Tank	Min. Wt. Of the Tank without Lid	IS 12701
171	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Moulded Polyethylene water storage Tank	Net/Gross Capacity	IS 12701
172	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Moulded Polyethylene water storage Tank	Resistance to Deformation	IS 12701
173	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Moulded Polyethylene water storage Tank	Resistance to Impact	IS 12701
174	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Moulded Polyethylene water storage Tank	Top Load Resistance	IS 12701
175	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational Moulded Polyethylene water storage Tank	Wall Thickness	IS 12701
176	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Solvent cements to be used in joining unplasticized polyvinyl chloride pipe and fittings	Hydrostatic Burst Strength	IS 14182
177	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles- HDPE/PP Woven Sacks for Packaging of 10kg,15kg,20kg & 30kg food grains	Picks per dm	IS 16208
178	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles- HDPE/PP Woven Sacks for Packaging of 10kg,15kg,20kg & 30kg food grains	Width of sack	IS 16208
179	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles- HDPE/PP Woven Sacks for Packaging of 50kg/25kg Sugar	Picks per dm	IS 14968
180	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles- HDPE/PP Woven Sacks for Packing of 50 kg food grains	Picks per dm	IS 14887
181	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles- HDPE/PP Woven Sacks	Avg. Breaking strength of fabric	IS 1969 (P-1)
182	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles- HDPE/PP Woven Sacks	Breaking Strength of Top & bottom Seam	IS 9030
183	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles- HDPE/PP Woven Sacks	Elongation at break of fabric	IS 1969 (P-1)
184	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles- HDPE/PP Woven Sacks for filling sand	Ends per dm	IS 14252

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185	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles- HDPE/PP Woven Sacks for filling sand	Exposed to UV radiation and weathering	IS 14252
186	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles- HDPE/PP Woven Sacks for filling sand	Mass of Bale	IS 14252
187	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles- HDPE/PP Woven Sacks for filling sand	Picks per dm	IS 14252
188	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles- HDPE/PP Woven Sacks for filling sand	Tying Cord (Length)	IS 14252
189	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles- HDPE/PP Woven Sacks for Packaging of 10kg,15kg,20kg,25kg & 30kg food grains	Capacity	IS 16208
190	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles- HDPE/PP Woven Sacks for Packaging of 10kg,15kg,20kg,25kg & 30kg food grains	Ends per dm	IS 16208
191	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles- HDPE/PP Woven Sacks for Packaging of 10kg,15kg,20kg,25kg & 30kg food grains	Exposed to UV radiation and weathering	IS 16208
192	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles- HDPE/PP Woven Sacks for Packaging of 10kg,15kg,20kg,25kg & 30kg food grains	Length of sack	IS 16208
193	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles- HDPE/PP Woven Sacks for Packaging of 50kg/25kg Sugar	Bottom seam	IS 14968
194	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles- HDPE/PP Woven Sacks for Packaging of 50kg/25kg Sugar	Capacity	IS 14968
195	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles- HDPE/PP Woven Sacks for Packaging of 50kg/25kg Sugar	Ends per dm	IS 14968
196	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles- HDPE/PP Woven Sacks for Packaging of 50kg/25kg Sugar	Exposed to UV radiation and weathering	IS 14968
197	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles- HDPE/PP Woven Sacks for Packaging of 50kg/25kg Sugar	Length of sack	IS 14968
198	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles- HDPE/PP Woven Sacks for Packaging of 50kg/25kg Sugar	Liner (mass)	IS 14968
199	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles- HDPE/PP Woven Sacks for Packaging of 50kg/25kg Sugar	Width of sack	IS 14968
200	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles- HDPE/PP Woven Sacks for Packing of 50 kg food grains	Bottom seam	IS 14887
201	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles- HDPE/PP Woven Sacks for Packing of 50 kg food grains	Capacity	IS 14887
202	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles- HDPE/PP Woven Sacks for Packing of 50 kg food grains	Ends per dm	IS 14887
203	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles- HDPE/PP Woven Sacks for Packing of 50 kg food grains	Exposure to UV eadiation	IS 14887

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204	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles- HDPE/PP Woven Sacks for Packing of 50 kg food grains	Length of sack	IS 14887
205	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles- HDPE/PP Woven Sacks for Packing of 50 kg food grains	Width of sack	IS 14887
206	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles-HDPE /PP Woven Sacks for Packaging of 50 kg Cement	Picks per dm	IS 11652
207	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles-HDPE /PP Woven Sacks for Packaging of 50 kg Cement	Capacity	IS 11652
208	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles-HDPE /PP Woven Sacks for Packaging of 50 kg Cement	Drop impact strength	IS 11652
209	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles-HDPE /PP Woven Sacks for Packaging of 50 kg Cement	Ends per dm	IS 11652
210	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles-HDPE /PP Woven Sacks for Packaging of 50 kg Cement	Length of sack	IS 11652
211	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles-HDPE /PP Woven Sacks for Packaging of 50 kg Cement	Seam	IS 11652
212	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles-HDPE /PP Woven Sacks for Packaging of 50 kg Cement	UV Resistance	IS 11652
213	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles-HDPE/PP Woven Sacks for Packaging of 50 kg Cement	Width of sack	IS 11652
214	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastic pipe & fittings	Resistance to external blow	IS 12235 (P-9)
215	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastic pipe & Socket	Length	IS 12235 (Part-1)
216	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastic pipe & Socket	Mean out side diameter (MOD)	IS 12235(P-1)
217	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastic pipe & Socket	Out side diameter at any point (OD)	IS 12235(P-1)
218	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastic pipe & Socket	Socket length	IS 12235 (P-1)
219	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastic pipe & Socket	Thickness	IS 12235 (P-1)
220	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastic pipe & socket	Vicat softening temperature	IS 12235(Part-2)
221	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Thermoplastic pipes & fittings	Tensile strength	IS 12235 (P-13)
222	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	THERMOPLASTICS PIPES AND FITTINGS	Density	IS 12235 (P-14)

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223	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	THERMOPLASTICS PIPES AND FITTINGS	Opacity	IS 12235(P-3)
224	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	THERMOPLASTICS PIPES AND FITTINGS	Stress relief	is 12235 (P-6)
225	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	THERMOPLASTICS PIPES AND FITTINGS	Thermal stability (Hydrostatic pressure testing for 8760 hrs & Internal Creep Rupture)	IS 12235(P-8/S-1)
226	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (UPVC) injection moulded fittings for jointing with solvent cement or elastomeric sealing ring to the UPVC pipes for soil and waste discharge system for inside and outside buildings	Thickness	IS 14735
227	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Injection Moulded fittings for Soil & Waste discharge system for inside & outside buildings including ventilation & rain water system	Chamfer	IS 14735
228	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Injection Moulded fittings for Soil & Waste discharge system for inside & outside buildings including ventilation & rain water system	Dimensions (Diameter)	IS 14735
229	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Injection Moulded fittings for Soil & Waste discharge system for inside & outside buildings including ventilation & rain water system	Hardness (Shore A) of Sealing Rings	IS 14735
230	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Injection Moulded fittings for Soil & Waste discharge system for inside & outside buildings including ventilation & rain water system	Impact test (Drop test)	IS 14735
231	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Injection Moulded fittings for Soil & Waste discharge system for inside & outside buildings including ventilation & rain water system	Socket length	IS 14735
232	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Injection Moulded fittings for Soil & Waste discharge system for inside & outside buildings including ventilation & rain water system	Water tightness of joint	IS 14735
233	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC pipe for potable water supplies	Hydrostatic characteristics	IS 4985
234	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC pipe for potable water supplies	Resistance to external blow	IS 4985
235	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC pipe for soil and waste discharge system	Axial shrinkage	IS 13592
236	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC pipe for soil and waste discharge system	Diameter of socket	IS 13592
237	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC pipe for soil and waste discharge system	Effect on sunlight	IS 13592

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238	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC pipe for soil and waste discharge system	Length	IS 13592
239	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC pipe for soil and waste discharge system	Water tightness of joint	IS 13592
240	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes(Duct) and fittings for underground Telecommunications Cable Installation	Heat Distortion Test	IS 14787
241	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes(Duct) and fittings for underground Telecommunications Cable Installation	Bending	IS 14787
242	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes(Duct) and fittings for underground Telecommunications Cable Installation	Co-efficient of Friction	IS 14787
243	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes(Duct) and fittings for underground Telecommunications Cable Installation	Crush Resistance	IS 14787
244	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes(Duct) and fittings for underground Telecommunications Cable Installation	Flattening	IS 14787
245	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes(Duct) and fittings for underground Telecommunications Cable Installation	Hydrostatic Test for joint	IS 14787
246	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes(Duct) and fittings for underground Telecommunications Cable Installation	Impact Strength	IS 14787
247	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes(Duct) and fittings for underground Telecommunications Cable Installation	Pipe Stiffness	IS 14787
248	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC screen and casing pipe for bore/tube wells	Internal Diameter	IS 12818
249	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC screen and casing pipe for bore/tube wells	Threading of screen and casing pipe	IS 12818
250	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Yarn / HDPE/PP Tape	Elongation of the tape	IS 1670
251	MECHANICAL- WOOD AND WOOD PRODUCTS	Bamboo Mat Board	Internal Bond Strength Test (in dry state, wet state & after mycological)	IS 2380(P-5)
252	MECHANICAL- WOOD AND WOOD PRODUCTS	Bamboo Mat Board	Length & Width	IS 13958
253	MECHANICAL- WOOD AND WOOD PRODUCTS	Bamboo Mat Board	Modulus of Elasticity	IS 2380 (P-4)
254	MECHANICAL- WOOD AND WOOD PRODUCTS	Bamboo Mat Board	Modulus of Rupture	IS 2380 (P-4)
255	MECHANICAL- WOOD AND WOOD PRODUCTS	Bamboo Mat Board	Mycological Test	IS 13958

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256	MECHANICAL- WOOD AND WOOD PRODUCTS	Bamboo Mat Board	Surface Strength Test (In dry state, wet state & after mycological)	IS 2380 (P-22)
257	MECHANICAL- WOOD AND WOOD PRODUCTS	Bamboo Mat Board for general purpose	Moisture content	IS 13958
258	MECHANICAL- WOOD AND WOOD PRODUCTS	Bamboo Mat Board for General Purposes	Thickness	IS 13958
259	MECHANICAL- WOOD AND WOOD PRODUCTS	Block board	Spot Test	IS 1659
260	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Boards	Adhesion of Plies	IS 1659
261	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Boards	Dimensional Changes caused by Humidity	IS 1659
262	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Boards	Edge Straightness	IS 1659
263	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Boards	Length / Width	IS 1659
264	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Boards	Modulus of Elasticity	IS 1659
265	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Boards	Modulus of Rupture	IS 1659
266	MECHANICAL- WOOD AND WOOD PRODUCTS	Block boards	Mycological Test	IS 1659
267	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Boards	Resistance to water	IS 1659
268	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Boards	Squareness	IS 1659
269	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Boards	Thickness	IS 1659
270	MECHANICAL- WOOD AND WOOD PRODUCTS	Dunnage Pallets-Warehousing	Dimensions (Length , Height & Width)	IS 13714
271	MECHANICAL- WOOD AND WOOD PRODUCTS	Dunnage Pallets-Warehousing	Moisture Content	IS 13714
272	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine Plywood	Length / Width	IS 710
273	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine Plywood	Thickness	IS 710

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274	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine Plywood	Water Resistance Test	IS 710
275	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Adhesion of Plies	IS 1734 (P-5)
276	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Glue Shear Strength	IS 1734(P-4)
277	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Moisture Content	IS 1734(P-1)
278	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Mycological Test	IS 1734(P-7)
279	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Static Bending Strength & Wet bending strength (MOE)	IS 1734(P-11)
280	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Static Bending Strength & Wet bending strength (MOR)	IS 1734(P-11)
281	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Tensile Strength	IS 1734(P-9)
282	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Water Resistance Test	IS 1734(P-6)
283	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for concrete shuttering and form work	Edge Straightness	IS 4990
284	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for concrete shuttering work	Length / Width	IS 4990
285	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for concrete shuttering work	Resistance to water	IS 4990
286	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for concrete shuttering work	Thickness	IS 4990
287	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for General Purposes	Edge Straightness	IS 303
288	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for General Purposes	Length / Width	IS 303
289	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for General Purposes	Thickness	IS 303