National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), HEHAL, RANCHI, JHARKHAND, 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	Containers for packaging of natural mineral water and packaged drinking water	Migration test	IS 15410
2	CHEMICAL- PLASTIC & RESINS	Classification and methods of tests for non-ignitable and self-extinguishing properties of solid electrical insulating materials	Self-Extinguishing	IS 4249
3	CHEMICAL- PLASTIC & RESINS	Containers for packaging of natural mineral water and packaged drinking water	Material Identification	IS 15410
4	CHEMICAL- PLASTIC & RESINS	Containers for packaging of natural mineral water and packaged drinking water	Water portability test	IS 15410
5	CHEMICAL- PLASTIC & RESINS	Environmental Stress. Cracking of Ethylene Plastics	ESCR	ASTMD1693
6	CHEMICAL- PLASTIC & RESINS	HDPE / PP Woven Sacks for Packaging of Fertilizers	Ash content	IS 9755
7	CHEMICAL- PLASTIC & RESINS	HDPE / PP Woven Sacks for Packaging of Fertilizers	Identification	IS 9755
8	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg Food Grains	Ash Content	IS 16208
9	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg Food Grains	Material Identification	IS 16208
10	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packing 50 kg/25 kg Foodgrains	Ash Content	IS 14887
11	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packing 50 kg/25 kg Foodgrains.	Material Identification	IS 14887
12	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene Films	Carbon Black Content	IS 10889
13	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene Films	Carbon Black Dispersion	IS 10889
14	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene Films	Odour	IS 10889
15	CHEMICAL- PLASTIC & RESINS	High density polyethylene pipe for sewerage	Carbon Black Content	IS 14333
16	CHEMICAL- PLASTIC & RESINS	High density polyethylene pipe for sewerage	Carbon Black Dispersion	IS 14333
17	CHEMICAL- PLASTIC & RESINS	High density polyethylene pipe for sewerage	Colour	IS 14333

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18	CHEMICAL- PLASTIC & RESINS	High density polyethylene pipe for sewerage	Reversion	IS 14333
19	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene Pipe for Water Supply	Carbon Black Content	IS 4984
20	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene Pipe for Water Supply	Carbon Black Dispersion	IS 4984
21	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene Pipe for Water Supply	Colour	IS 4984
22	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene Pipe for Water Supply	Overall Migration	IS 4984
23	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene Pipe for Water Supply	Oxidative Induction Time (OIT)	IS 4984
24	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene Pipe for Water Supply	Reversion	IS 4984
25	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene Pipe for Water Supply	Volatile Matter Content	IS 4984
26	CHEMICAL- PLASTIC & RESINS	Injection moulded PVC socket fittings with solvent cement joints for water supplies	Effect on water	IS 7834
27	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment - Sprinkler Pipes	Carbon Black Content	IS 14151 Pt-1
28	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment - Sprinkler Pipes	Carbon Black Dispersion	IS 14151 pt-1
29	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment - Sprinkler Pipes	Reversion	IS 14151 Pt-1
30	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment--Polyethylene Pipes for Irrigation Laterals	Carbon Black Dispersion	IS 12786
31	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment--Polyethylene Pipes for Irrigation Laterals	ESCR	IS 12786
32	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment--Polyethylene Pipes for Irrigation Laterals	Material Identification	IS 12786
33	CHEMICAL- PLASTIC & RESINS	Irrigation Equipment--Polyethylene Pipes for Irrigation Laterals	Reversion	IS 12786
34	CHEMICAL- PLASTIC & RESINS	Method for Transition Temperatures and Enthalpies of Fusion and Crystallization of Polymers	Melting point	ASTMD 3418
35	CHEMICAL- PLASTIC & RESINS	Methods of test for determination of the flammability of solid electrical insulating materials	Flammability	IS 11731 Pt-1 & 2
36	CHEMICAL- PLASTIC & RESINS	Methods of test for polyethylene moulding materials and polyethylene compounds	Carbon Black Content	IS 2530

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37	CHEMICAL- PLASTIC & RESINS	Methods of test for polyethylene moulding materials and polyethylene compounds	Carbon Black dispersion	IS 2530
38	CHEMICAL- PLASTIC & RESINS	Methods of test for polyethylene moulding materials and polyethylene compounds	Vicat softening temperature	IS 2530
39	CHEMICAL- PLASTIC & RESINS	Methods Of Test For Polyvinyl Chloride Resins	K-Value	IS 4669
40	CHEMICAL- PLASTIC & RESINS	Plastic & Resins (Meter Box Enclosure)	Resistance to humid condition	IS 14772
41	CHEMICAL- PLASTIC & RESINS	Plastic & Resins (Meter Box Enclosure)	Resistance to Rusting	IS 14772
42	CHEMICAL- PLASTIC & RESINS	Plastic Crates for Fruits and Vegetables	ESCR	IS 15532
43	CHEMICAL- PLASTIC & RESINS	Plastic molded Containers, Sheet, Film ,Pipe	Determination of Overall Migration	IS 9845
44	CHEMICAL- PLASTIC & RESINS	Polyethylene films and sheets	Ash Content	IS 2508
45	CHEMICAL- PLASTIC & RESINS	Polyethylene films and sheets	Carbon Black Content	IS 2508
46	CHEMICAL- PLASTIC & RESINS	Polyethylene films and sheets	Carbon Black Dispersion	IS 2508
47	CHEMICAL- PLASTIC & RESINS	Polyethylene films and sheets	Material Identification	IS 2508
48	CHEMICAL- PLASTIC & RESINS	Polyethylene films and sheets	Odour	IS 2508
49	CHEMICAL- PLASTIC & RESINS	Polyethylene pipes for the supply of gaseous fuels	Thermal Stability (OIT)	IS 14885
50	CHEMICAL- PLASTIC & RESINS	Polyethylene Pouches for Packaging Liquid Milk	Material Identification	IS 11805
51	CHEMICAL- PLASTIC & RESINS	Polyethylene Pouches for Packaging Liquid Milk	Overall Migration	IS 11805
52	CHEMICAL- PLASTIC & RESINS	Polyethylene Pouches for Packaging Liquid. Milk	Odour	IS 11805
53	CHEMICAL- PLASTIC & RESINS	Polyethylene Pouches for Packaging Liquid. Milk	Printing Requirement (Ink Adhesion test)	IS 11805
54	CHEMICAL- PLASTIC & RESINS	Polymeric Materials & Products	Water absorption	ASTM D570
55	CHEMICAL- PLASTIC & RESINS	Polymers & Plastic material	Determination of ash	ISO 3451 pt-5

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56	CHEMICAL- PLASTIC & RESINS	Quick Coupled Polyethylene Pipes & Fittings	Carbon Black Content	IS 14151 pt-2
57	CHEMICAL- PLASTIC & RESINS	Quick Coupled Polyethylene Pipes & Fittings	Carbon Black Dispersion	IS 14151 pt-2
58	CHEMICAL- PLASTIC & RESINS	Quick Coupled Polyethylene Pipes & Fittings	Colour	IS 14151 pt-2
59	CHEMICAL- PLASTIC & RESINS	Quick Coupled Polyethylene Pipes & Fittings	Material Identification	IS 14151 pt-2
60	CHEMICAL- PLASTIC & RESINS	Rotational moulded polyethylene water storage tanks	Carbon Black Dispersion	IS 12701
61	CHEMICAL- PLASTIC & RESINS	Rotational moulded polyethylene water storage tanks	Carbon Black Content	IS 12701
62	CHEMICAL- PLASTIC & RESINS	Rotational moulded polyethylene water storage tanks	Material Identification	IS 12701
63	CHEMICAL- PLASTIC & RESINS	Rotational moulded polyethylene water storage tanks	Overall migration	IS 12701
64	CHEMICAL- PLASTIC & RESINS	Specification for high density polyethylene (Hdpe) crates for milk satchets	Material identification	IS 11584
65	CHEMICAL- PLASTIC & RESINS	Specification for polyethylene for its safe use in contact with foodstuffs	Overall migration	IS 10146
66	CHEMICAL- PLASTIC & RESINS	Standard Practices for Evaluating the Resistance of Plastics to Chemical Reagents	Chemical resistance	ASTMD 543
67	CHEMICAL- PLASTIC & RESINS	Standard Test Method for Ash Content in Plastics	Ash Content	ASTMD 2584
68	CHEMICAL- PLASTIC & RESINS	Standard Test Method for Carbon Black Content in Olefin Plastics	Carbon Black Content	ASTMD 1603
69	CHEMICAL- PLASTIC & RESINS	Standard Test Method for Deflection Temperature of Plastics Under Flexural Load in the Edgewise Position flexural load	Heat deflection temperature	ASTMD 648
70	CHEMICAL- PLASTIC & RESINS	Standard Test Method for Determination of Moisture in Plastics by Loss in Weight	Moisture Content	ASTMD 6980
71	CHEMICAL- PLASTIC & RESINS	Standard Test Method for Determining Gas Permeability Characteristics of Plastic Film	Gas Permeability	ASTMD1434
72	CHEMICAL- PLASTIC & RESINS	Standard Test Method for Measuring the Minimum Oxygen Concentration	Limiting Oxygen Index	ASTMD2863
73	CHEMICAL- PLASTIC & RESINS	Standard Test Method for Rate of Burning	Flammability	ASTM D635

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74	CHEMICAL- PLASTIC & RESINS	Standard Test Method for Vicat Softening Temperature of Plastics	Vicat Softening Temperature	ASTM D1525
75	CHEMICAL- PLASTIC & RESINS	Standard Test Method for Water Vapor Transmission Rate Through Plastic Film and Sheeting	Water vapour transmission rate(WVTR)	ASTMF1249
76	CHEMICAL- PLASTIC & RESINS	Standard Test Method for. Ash Content in Plastics	Ash Content	ASTMD 5630
77	CHEMICAL- PLASTIC & RESINS	Tarpaulins made from high density polyethylene	Carbon Black Content	IS 14611
78	CHEMICAL- PLASTIC & RESINS	Thermoplastics Pipes and Fittings	Effect on water	IS 12235 pt-4 & 10
79	CHEMICAL- PLASTIC & RESINS	Thermoplastics pipes and fittings	Resistance to sulphuric acid	IS 12235 Pt-7
80	CHEMICAL- PLASTIC & RESINS	Thermoplastics pipes and fittings	Stress relief	IS 12235 pt-6
81	CHEMICAL- PLASTIC & RESINS	Thermoplastics Pipes and Fittings - Methods of Test	Ash Content	IS 12235 pt-17
82	CHEMICAL- PLASTIC & RESINS	Thermosetting laminates and long-fiber reinforced plastics	Determination of temperature of deflection	IS 13360 pt-6/Sec-3
83	CHEMICAL- PLASTIC & RESINS	Unplasticized polyvinyl chloride (PVC-U) screen and casing pipes for bore/ tubewell	Carbon Black Content	IS 12786
84	CHEMICAL- PLASTIC & RESINS	Unplasticized polyvinyl chloride (PVC-U) screen and casing pipes for bore/ tubewell	Effect on Water	IS 12818
85	CHEMICAL- PLASTIC & RESINS	Unplasticized polyvinyl chloride (PVC-U) screen and casing pipes for bore/ tubewell	K-Value	IS 12818
86	CHEMICAL- PLASTIC & RESINS	Unplasticized polyvinyl chloride (PVC-U) screen and casing pipes for bore/ tubewell	Vicat softening temperature	IS 12818
87	CHEMICAL- PLASTIC & RESINS	Unplasticized polyvinyl chloride (pvc-u).pipes for soil and waste discharge system	Colour	IS 13592
88	CHEMICAL- PLASTIC & RESINS	Unplasticized polyvinyl chloride (pvc-u).pipes for soil and waste discharge system	K Value	IS 13592
89	CHEMICAL- PLASTIC & RESINS	Unplasticized polyvinyl chloride (pvc-u).pipes for soil and waste discharge system	Resistance to sulphuric acid	IS 13592
90	CHEMICAL- PLASTIC & RESINS	Unplasticized polyvinyl chloride (pvc-u).pipes for soil and waste discharge system	Reversion	IS 13592
91	CHEMICAL- PLASTIC & RESINS	Unplasticized polyvinyl chloride (pvc-u).pipes for soil and waste discharge system	Stress Relief Test	IS 13592
92	CHEMICAL- PLASTIC & RESINS	Unplasticized polyvinyl chloride (pvc-u).pipes for soil and waste discharge system	Vicat Softening Temperature	IS 13592

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93	CHEMICAL- PLASTIC & RESINS	Unplasticized polyvinyl chloride (PVC-U)screen and casing pipes for bore/ tubewell	Colour	IS 12818
94	CHEMICAL- PLASTIC & RESINS	Unplasticized pvc pipes for potable water supplies	Effect on Water	IS 4985
95	CHEMICAL- PLASTIC & RESINS	Unplasticized pvc pipes for potable water supplies	K-Value	IS 4985
96	CHEMICAL- PLASTIC & RESINS	Unplasticized pvc pipes for potable water supplies	Reversion	IS 4985
97	CHEMICAL- PLASTIC & RESINS	Unplasticized pvc pipes for potable water supplies	Sulphated ash content	IS 4985
98	CHEMICAL- PLASTIC & RESINS	Unplasticized pvc pipes for potable water supplies	Vicat softening point	IS 4985
99	CHEMICAL- PLASTIC & RESINS	UPVC Pipes and Fittings	Determination of Longitudinal reversion	IS 12235 pt-5/sec-1
100	CHEMICAL- PLASTIC & RESINS	UPVC Pipes and Fittings	Determination of Vicat softening temperature	IS 12235 pt-2
101	CHEMICAL- PLASTIC & RESINS	Woven Sacks for Packing Cement - High Density Polyethylene (HDPE)/Polypropylene (PP)	Material Identification	IS 11652
102	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packing Food grains	Fabric (Tape Width)	IS 14887
103	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packing Food grains	Sacks (Bottom Seam & Mouth)	IS 14887
104	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Containers for packaging of natural mineral water and packaged drinking water	Drop Impact Test	IS 15410
105	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Containers for packaging of natural mineral water and packaged drinking water	Finish Appearance	IS 15410
106	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Containers for packaging of natural mineral water and packaged drinking water	Transparency	IS 15410
107	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Containers for packaging of natural mineral water and packaged drinking water	Wall Thickness	IS 15410
108	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Containers for packaging of natural mineral water and packaged drinking water.	Capacity	IS 15410
109	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Determination of Compressive Properties	Compressive Strength	IS 13360 pt-5/Sec-8
110	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Determination of density/relative density (specific gravity)	Density	IS 12235 pt-14
111	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Determination of Flexural Properties	Flexural Strength	IS 13360 pt-5/Sec-7

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112	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Determination of Flexural Properties	Modulus	IS 13360 pt-5/Sec-7
113	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Determination of Impact Resistance by the Free-Falling Dart Method	Dart impact Resistance for film	IS 13360 Pt-5/sec-6
114	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Determination of Tear resistance of Plastics Film and Sheeting	Tear Strength	IS 13360 pt-5/Sec-23
115	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Determination of Tensile Properties - Test Conditions for Moulding and Extrusion Plastics.	Elongation	IS 13360 Pt-5/Sec-2
116	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Determination of Tensile Properties - Test Conditions for Moulding and Extrusion Plastics.	Modulus of Elasticity	IS 13360 pt-5/Sec-2
117	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Determination of Tensile Properties - Test Conditions for Moulding and Extrusion Plastics.	Tensile Strength	IS 13360 pt-5/Sec-2
118	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Determination of the Melt Mass-Flow Rate (MFR) and the Melt Volume-Flow Rate (MVR) of Thermoplastics	Melt Flow Index	IS 13360 pt-4/sec-1
119	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE / PP Woven Sacks for Packaging of Fertilizers.	Bottom Seam (Visual)	IS 9755
120	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE / PP Woven Sacks for Packaging of Fertilizers.	Breaking Strength fabric	IS 9755
121	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE / PP Woven Sacks for Packaging of Fertilizers.	Breaking Strength of Bottom Seam	IS 9755
122	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE / PP Woven Sacks for Packaging of Fertilizers.	Capacity	IS 9755
123	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE / PP Woven Sacks for Packaging of Fertilizers.	Dimension	IS 9755
124	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE / PP Woven Sacks for Packaging of Fertilizers.	Elongation	IS 9755
125	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE / PP Woven Sacks for Packaging of Fertilizers.	Ends per dm	IS 9755
126	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE / PP Woven Sacks for Packaging of Fertilizers.	Fabric (Tape Width)	IS 9755
127	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE / PP Woven Sacks for Packaging of Fertilizers.	Linear Density	IS 9755
128	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE / PP Woven Sacks for Packaging of Fertilizers.	Mass of Fabric (GSM)	IS 9755
129	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE / PP Woven Sacks for Packaging of Fertilizers.	Mouth of Sacks Visual	IS 9755
130	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE / PP Woven Sacks for Packaging of Fertilizers.	Picks per dm	IS 9755

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131	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE / PP Woven Sacks for Packaging of Fertilizers.	Seam stitches (Visual)	IS 9755
132	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE / PP Woven Sacks for Packaging of Fertilizers.	Thickness	IS 9755
133	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE / PP Woven Sacks for Packaging of Fertilizers.	Visual Appearance	IS 9755
134	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE / PP Woven Sacks for Packaging of Fertilizers.	Width	IS 9755
135	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging of 50 kg Cement	Capacity	IS 11652
136	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging of 50 kg Cement	Mass of Sacks	IS 11652
137	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging of 50 kg Cement	Picks per dm	IS 11652
138	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High density polyethylene (HDPE) crates for milk satchets.	Appearance & Surface Finish	IS 11584
139	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High density polyethylene (HDPE) crates for milk satchets.	Density	IS 11584
140	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High density polyethylene (HDPE) crates for milk satchets.	Dimensional Stability	IS 11584
141	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High density polyethylene (HDPE) crates for milk satchets.	Mass	IS 11584
142	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High density polyethylene (HDPE) crates for milk satchets.	Melt Flow Index	IS 11584
143	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High density polyethylene (HDPE) crates for milk satchets.	Resistance to applied load	IS 11584
144	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High density polyethylene (HDPE) crates for milk satchets.	Resistance to Drop	IS 11584
145	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High density polyethylene (HDPE) crates for milk satchets.	Resistance to low temperature drop	IS 11584
146	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High density polyethylene (HDPE) crates for milk satchets.	Resistance to Stress	IS 11584
147	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High density polyethylene (HDPE) crates for milk satchets.	Shape & Dimension	IS 11584
148	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High density polyethylene (HDPE)/ polypropylene (pp) woven sacks for packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg food grains	Picks per dm	IS 16208

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149	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High density polyethylene (HDPE)/ polypropylene (pp) woven sacks for packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg food grains	Sacks (Bottom Seam & Mouth)	IS 16208
150	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging	Breaking Strength	IS 16208
151	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging	Breaking Strength of Bottom Seam	IS 16208
152	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging	Capacity	IS 16208
153	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging	Dimension (Length & Width)	IS 16208
154	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging	Ends per dm	IS 16208
155	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging	Fabric (tape Width)	IS 16208
156	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging	Mass of Sacks & GSM	IS 16208
157	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging	Visual Appearance	IS 16208
158	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packing Food grains	Breaking Strength	IS 14887
159	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packing Food grains	Breaking Strength of Bottom Seam	IS 14887
160	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packing Food grains	Capacity	IS 14887
161	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packing Food grains	Dimension (Length & Width)	IS 14887
162	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packing Food grains	Elongation	IS 14887
163	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packing Food grains	Ends Per dm	IS 14887
164	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packing Food grains	Mass of Sacks & GSM	IS 14887
165	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packing Food grains	Picks per dm	IS 14887
166	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High density polyethylene films	Appearance	IS 10889

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167	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High density polyethylene films	Dart Impact Resistance	IS 10889
168	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High density polyethylene films	Density	IS 10889
169	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High density polyethylene films	Elongation	IS 10889
170	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High density polyethylene films	Film Form	IS 10889
171	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High Density Polyethylene Films	Melt Flow Index	IS 10889
172	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High density polyethylene films	Tensile Strength	IS 10889
173	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High density polyethylene films	Thickness	IS 10889
174	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High density polyethylene films	Tolerance	IS 10889
175	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High density polyethylene films	Width	IS 10889
176	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High density polyethylene pipe for sewerage	Density	IS 14333
177	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High density polyethylene pipe for sewerage	Dimension of Pipe	IS 14333
178	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High density polyethylene pipe for sewerage	Hydraulic Characteristics	IS 14333
179	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High density polyethylene pipe for sewerage	Length of Pipe	IS 14333
180	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High density polyethylene pipe for sewerage	Melt flow rate	IS 14333
181	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High density polyethylene pipe for sewerage	Visual Appearance	IS 14333
182	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	High density polyethylene pipes for potable water supplies	Tensile strength for Butt Fusion	IS 4984
183	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Polyethylene Pipes For Irrigation Laterals	Dimension	IS 12786
184	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Polyethylene Pipes For Irrigation Laterals	Elongation	IS 12786
185	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Polyethylene Pipes For Irrigation Laterals	Hydraulic Characteristics	IS 12786

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186	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Polyethylene Pipes For Irrigation Laterals	Melt Flow Rate	IS 12786
187	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Polyethylene Pipes For Irrigation Laterals	Tensile Strength	IS 12786
188	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Polyethylene Pipes For Irrigation Laterals	Visual Appearance	IS 12786
189	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment - Sprinkler Pipes	Melt Flow Index	IS 14151, pt-1
190	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment- Sprinkler Pipes	Density	IS 14151 Pt-1
191	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment- Sprinkler Pipes	Dimension of Pipe	IS 14151 Pt-1
192	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment- Sprinkler Pipes	Elongation	IS 14151 Pt-1
193	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment- Sprinkler Pipes	Fusion Compatibility	IS 14151 Pt-1
194	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment- Sprinkler Pipes	Hydraulic Characteristics	IS 14151 Pt-1
195	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment- Sprinkler Pipes	Tensile Strength	IS 14151 Pt-1
196	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Irrigation Equipment- Sprinkler Pipes	Visual Appearance	IS 14151 Pt-1
197	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Low density polyethylene films	Appearance	IS 2508
198	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Low density polyethylene films	Dart Impact Strength	IS 2508
199	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Low density polyethylene films	Density	IS 2508
200	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Low density polyethylene films	Elongation	IS 2508
201	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Low density polyethylene films	Film Form	IS 2508
202	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Low density polyethylene films	Heat ageing	IS 2508
203	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Low density polyethylene films	Puncture Resistance	IS 2508
204	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Low density polyethylene films	Tear Resistance	IS 2508

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205	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Low density polyethylene films	Tensile Strength	IS 2508
206	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Low density polyethylene films	Thickness & Tolerance	IS 2508
207	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Low density polyethylene films	Width & Tolerance	IS 2508
208	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Measurement of Dimension	Dimension	IS 12235 pt-1
209	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Methods of Test for Coated and Treated Fabrics	Burst Strength	IS 7016 pt-6
210	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Methods of test for coated and treated fabrics	Heat Ageing	IS 7016 pt-8
211	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Methods of test for polyethylene moulding materials and polyethylene compounds	Density	IS 2530
212	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Methods of test for polyethylene moulding materials and polyethylene compounds	Elongation	IS 2530
213	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Methods of test for polyethylene moulding materials and polyethylene compounds.	Tensile Strength	IS 2530
214	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Methods of test for polyvinyl chloride resins	Bulk Density	IS 4669
215	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets and Tarpaulins/Covers	Dart Impact Resistance	IS 14611
216	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets and Tarpaulins/Covers	Elongation	IS 14611
217	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets and Tarpaulins/Covers	Ends & Sides (Visual)	IS 14611
218	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets and Tarpaulins/Covers	Eye lets & Rope Lasing	IS 14611
219	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets and Tarpaulins/Covers	Heat Ageing	IS 14611
220	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets and Tarpaulins/Covers	Mass Per unit area (GSM)	IS 14611
221	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets and Tarpaulins/Covers	Panel	IS 14611
222	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets and Tarpaulins/Covers	Panel Length & Width	IS 14611
223	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets and Tarpaulins/Covers	Tear Strength	IS 14611

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224	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets and Tarpaulins/Covers	Tensile Strength	IS 14611
225	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Multilayered Cross Laminated Sheets and Tarpaulins/Covers	Workmanship	IS 14611
226	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics & Plastic Products (Meter Box Enclosure)	Constructional Requirement (Visual)	IS 14772
227	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics & Plastic Products (Meter Box Enclosure)	Dimension	IS 14772
228	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics & Plastic Products (Meter Box Enclosure)	Marking	IS 14772
229	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics & Plastic Products (Meter Box Enclosure)	Resistance to Heat	IS 14772
230	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics & Plastic Products (Meter Box Enclosure)	Resistance to Heat ageing	IS 14772
231	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics films for greenhouses	Average Thickness	IS 15827
232	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics films for greenhouses	Dart Drop Test	IS 15827
233	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics films for greenhouses	Elongation	IS 15827
234	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics films for greenhouses	Haze	IS 15827
235	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics films for greenhouses	Light Transmittance	IS 15827
236	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics films for greenhouses	Point to Point Thickness	IS 15827
237	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics films for greenhouses	Tear Strength	IS 15827
238	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics films for greenhouses	Tensile Strength	IS 15827
239	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics films for greenhouses	Visual Appearance	IS 15827
240	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics films for greenhouses	Width	IS 15827
241	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene films and sheets	Melt Flow Index	IS 2508
242	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Visual Appearance	IS 4984

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243	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Base Density	IS 4984
244	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Dimension of Blue Stripes	IS 4984
245	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Dimension of pipe	IS 4984
246	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Elongation at Break	IS 4984
247	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Hydraulic Characteristics	IS 4984
248	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Internal Creep Rupture Test	IS 4984
249	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pipes for Water Supply	Melt Flow Rate	IS 4984
250	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pouches for Packaging Liquid	Dart Impact Resistance	IS 11805
251	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pouches for Packaging Liquid	Drop Test	IS 11805
252	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pouches for Packaging Liquid	Elongation	IS 11805
253	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pouches for Packaging Liquid	Film Form	IS 11805
254	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pouches for Packaging Liquid	Leak Test	IS 11805
255	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pouches for Packaging Liquid	Slip (Coefficient of Friction)	IS 11805
256	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pouches for Packaging Liquid	Tensile Strength	IS 11805
257	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pouches for Packaging Liquid	Thickness	IS 11805
258	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pouches for Packaging Liquid	Visual Appearance	IS 11805
259	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pouches for Packaging Liquid	Width	IS 11805
260	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene Pouches for Packaging Liquid	Winding of Film	IS 11805
261	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Quick Coupled Polyethylene Pipes	Dimension	IS 14151 pt-2

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262	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Quick Coupled Polyethylene Pipes & Fittings	Density	IS 14151 Pt-2
263	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Quick Coupled Polyethylene Pipes & Fittings	Heat Ageing	IS 14151 pt-2
264	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Quick Coupled Polyethylene Pipes & Fittings	Holding Attachement	IS 14151 pt-2
265	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Quick Coupled Polyethylene Pipes & Fittings	Hydraulic Proof Test	IS 14151 pt-2
266	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Quick Coupled Polyethylene Pipes & Fittings	Leakage Test	IS 14151 pt-2
267	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Quick Coupled Polyethylene Pipes & Fittings	Melt Flow Index	IS 14151 Pt-2
268	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Quick Coupled Polyethylene Pipes & Fittings	Shore A Hardness	IS 14151 pt-2
269	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Quick Coupled Polyethylene Pipes & Fittings	Weldability Test	IS 14151 pt-2
270	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Quick Coupled Polyethylene Pipes & Fittings	Workmanship	IS 14151 pt-2
271	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Resistance to external blows (impact resistance) at O°C	Resistance to external blow at O°C	IS 12235 pt-9
272	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Resistance to internal Hydrostatic pressure Test	Hydrostatic	IS 12235 pt-8
273	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded polyethylene water storage tanks	Flexural Modulus	IS 12701
274	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded polyethylene water storage tanks	Internal Diameter of Manhole	IS 12701
275	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded polyethylene water storage tanks	Lid Clearance	IS 12701
276	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded polyethylene water storage tanks	Lid Lock up	IS 12701
277	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded polyethylene water storage tanks	Melt Flow Index	IS 12701
278	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded polyethylene water storage tanks	Net & Gross Capacity	IS 12701
279	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded polyethylene water storage tanks	Overall Diameter	IS 12701
280	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded polyethylene water storage tanks	Overall Height	IS 12701

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281	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded polyethylene water storage tanks	Resistance to Deformation	IS 12701
282	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded polyethylene water storage tanks	Resistance to Impact	IS 12701
283	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded polyethylene water storage tanks	Tensile Strength	IS 12701
284	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded polyethylene water storage tanks	Top Load Resistance	IS 12701
285	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded polyethylene water storage tanks	Visual Appearance	IS 12701
286	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded polyethylene water storage tanks	Wall Thickness	IS 12701
287	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded polyethylene water storage tanks	Wall Thickness up to effective height	IS 12701
288	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded polyethylene water storage tanks	Weight	IS 12701
289	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Rotational moulded polyethylene water storage tanks.	Density	IS 12701
290	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Specular Gloss is a measure of the light reflected by the surface of a material	Gloss	ASTMD 523
291	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Standard Test Method for Compressive Properties of Rigid Plastics	Compressive Strength	ASTMD 695
292	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Standard Test Method for Indentation Hardness of Rigid Plastics by Means of a Barcol Impressor	Barcol Hardness	ASTMD 2583
293	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Standard Test Method for Rockwell Hardness of Plastics and Electrical Insulating Materials	Rockwell Hardness	ASTMD 785
294	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Standard Test Method for Static and Kinetic Coefficients of Friction of Plastic Film and Sheeting	Co-efficient of friction (vertical)	ASTMD 1894
295	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Standard Test Method for Tensile Properties of Plastics	Tensile Strength	ASTMD 638
296	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Standard Test Method for Tensile Properties of Plastics1	Elongation	ASTMD 638
297	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Standard Test Method for Tensile Properties of Plastics1	Modulus	ASTMD 638
298	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Standard Test Method for Tensile Properties of Thin Plastic Sheeting	Elongation	ASTMD 882
299	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Standard Test Method for Tensile Properties of Thin Plastic Sheeting	Modulus	ASTMD 882

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300	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Standard Test Method for Tensile Properties of Thin Plastic Sheeting	Tensile Strength	ASTMD 882
301	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Standard Test Method for Bursting Strength of Textile Fabrics-Diaphragm Bursting Strength Tester Method	Burst Strength	ASTMD 3786
302	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Standard Test Method for Haze and Luminous Transmittance of Transparent Plastics.	Haze & Transparency	ASTMD1003
303	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Standard Test Method for Melt Flow Rates of Thermoplastics	Melt Flow Rates	ASTDM 1238
304	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Standard Test Method for Rubber Property-Durometer Hardness	Shore A & D Hardness	ASTMD 2240
305	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Standard Test Method for Specular Gloss of Plastic Films and Solid Plastics	Gloss	ASTMD 2457
306	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Standard Test Method for Static and Kinetic Coefficients of Friction of Plastic Film and Sheeting.	Co-efficient of friction	ASTMD 1894
307	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials	Flexural Strength	ASTMD 790
308	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials	Modulus	ASTMD 790
309	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Standard Test Methods for Density and Specific Gravity	Density/Specific Gravity	ASTMD 792
310	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Tear Resistance of Plastic Film and Thin Sheeting by Pendulum Method (Elmendorf Tear)	Tear Strength	ASTMD 1922
311	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Tensile Properties of Fabrics - Determination of Maximum Force and Elongation at Maximum Force	Breaking Strength	IS 1969
312	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Textiles - High density polyethylene (HDPE)/polypropylene (PP) woven sacks	Elongation	IS 16208
313	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (PVC-U) Pipes for Soil and Waste Discharge System Inside and Outside Buiildings Including Ventilation and Rainwater System.	Dimension of grooved Socket	IS 13592
314	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (PVC-U) pipes for soil and waste discharge systems	Axial Shrinkage (Type B Pipe only)	IS 13592
315	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (PVC-U) pipes for soil and waste discharge systems	Effect on Sunlight for 1600 hrs (Natural weathering)	IS 13592
316	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (PVC-U) pipes for soil and waste discharge systems	Length of Pipe	IS 13592
317	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (PVC-U) pipes for soil and waste discharge systems	Resistance to external Blow at 0°C	IS 13592

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318	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (PVC-U) pipes for soil and waste discharge systems	Visual Appearance	IS 13592
319	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (PVC-U) pipes for soil and waste discharge systems	Water tightness of joints	IS 13592
320	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (PVC-U) pipes for soil and waste discharge systems.	Dimension of pipe	IS 13592
321	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized Polyvinyl Chloride (PVC-U) pipes for soil and waste discharge systems.	Tensile Strength	IS 13592
322	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized polyvinyl chloride (PVC-U) screen and casing pipes for bore/tubewells	Density	IS 12818
323	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized polyvinyl chloride (PVC-U) screen and casing pipes for bore/tubewells	Dimension of sealing ring	IS 12818
324	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized polyvinyl chloride (PVC-U) screen and casing pipes for bore/tubewells	Internal diameter	IS 12818
325	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized polyvinyl chloride (PVC-U) screen and casing pipes for bore/tubewells	Resistance to external Blow at 0°C	IS 12818
326	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized polyvinyl chloride (PVC-U) screen and casing pipes for bore/tubewells	Visual appearance	IS 12818
327	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized polyvinyl chloride (PVC-U) screen and casing pipes for bore/tubewells.	Dimension of Pipe	IS 12818
328	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized polyvinyl chloride (PVC-U) screen and casing pipes for bore/tubewells.	Hardness of Sealing ring	IS 12818
329	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized polyvinyl chloride (PVC-U) screen and casing pipes for bore/tubewells.	Tensile strength	IS 12818
330	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized PVC Pipes for Potable Water Supplies	Density	IS 4985
331	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized PVC Pipes for Potable Water Supplies	Dimension	IS 4985
332	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized PVC Pipes for Potable Water Supplies	Hydrostatic	IS 4985
333	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized PVC Pipes for Potable Water Supplies	Resistance to External Blow at 0°C	IS 4985
334	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized PVC Pipes for Potable Water Supplies	Visual Appearance	IS 4985
335	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Unplasticized PVC Pipes for Potable Water. Supplies	Opacity	IS 4985
336	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	UPVC Pipes and Fittings	Test for Opacity	IS 12235 pt-3

SCOPE OF ACCREDITATION

Laboratory Name :	CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET), HEHAL, RANCHI, JHARKHAND, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-9387	**Page No**	19 of 19
Validity	30/03/2021 to 29/03/2023	**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
337	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Woven Sacks for Packing Cement	Breaking Strength of fabric	IS 11652
338	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Woven Sacks for Packing Cement	Dimension	IS 11652
339	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Woven Sacks for Packing Cement	Elongation	IS 11652
340	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Woven Sacks for Packing Cement	Ends per dm	IS 11652
341	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Woven Sacks for Packing Cement	Fabric (Tape width)	IS 11652
342	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Woven Sacks for Packing Cement	Seam Breaking Strength	IS 11652
343	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Woven Sacks for Packing Cement	Seam stitching	IS 11652
344	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Woven Sacks for Packing Cement	Stitching Material Breaking Load	IS 11652
345	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Woven Sacks for Packing Cement	Valve for filling of sockets (Visual & Dimension)	IS 11652
346	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Woven Sacks for Packing Cement.	Visual appearance	IS 11652

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