



# National Accreditation Board for Testing and Calibration Laboratories

## 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

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**Validity**

30/03/2021 to 29/03/2023

**Last Amended on**

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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 Attachment	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 0°C	Resistance to external blow at 0°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 Buildings 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





# National Accreditation Board for Testing and Calibration Laboratories

## 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

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**Validity**

30/03/2021 to 29/03/2023

**Last Amended on**

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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
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



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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
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