National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : FINE FINISH ANALYTICAL LABORATORY, PLOT NO 29 & 76, NEW CHEMICAL ZONE, TALOJA, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6332 **Page No** 1 of 22

Validity 29/09/2022 to 28/09/2024 **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
Permanent Facility				
1	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Ability to cure in Considerable Thickness	IEC 60464 (2nd Edition)
2	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Ability to cure in Considerable Thickness	IS 10026 (Part 2)
3	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Arrhenius kinetic constants-Reaction order	ASTM E 698
4	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Enthalpy of polymerization	ASTM E 2160
5	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Fixed Carbon	ASTM D 3172-13
6	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Free Phenol Content	ASTM D 1312
7	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Gel time	IS 6746
8	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Gel time	ISO 9396
9	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Glass Transition Temperature (Tg)	ISO 11357-2
10	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Glass Transition Temperature (Tg)	ISO 11357-5
11	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Ionic Chlorine content	ISO 21627-1
12	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Mass fraction of Titanium in calculations on Titanium Dioxide	FFO/DRDO/MSQAA/16-01, dated: 15.02.2016
13	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	NCO content	ASTM D 5155
14	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	NCO content	ISO 11909 (E)
15	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	NCO content	ISO 14896
16	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Non-Volatile Content	ISO 3251
17	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Oxidative Induction Time	ASTM D 3895
18	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	peak exotherm	ISO 2535

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6332 **Page No** 2 of 22

Validity 29/09/2022 to 28/09/2024 **Last Amended on** -

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19	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Pencil Hardnes	IS 101 Part 5 Section 1
20	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Pencil Hardness	ASTM D 3363
21	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Pencil Hardness	IEC 60464-2
22	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Pencil Hardness	IS 10026 (Part 2)
23	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Polymer Identification	ASTM E 1252
24	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Reaction of Varnish with Copper	IEC 60464-2nd Edition
25	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Reaction of Varnish with Copper	IS 10026 (Part 2)
26	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Specific Gravity	IS 9162
27	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Specific Gravity by Hydrometer	ASTM D 891
28	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Specific Heat	ASTM E 1952
29	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Viscosity by Flow Cup	IS 101 (Part 1:Section 5)
30	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Zinc Content in zinc dust pigment & cured films of Zinc Rich Coating	ASTM D 6580
31	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Acetone Extraction	ASTM D 494
32	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Acetone Extraction	ISO 11667
33	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Acid number	ASTM D 4662
34	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Acid Value	IS 101 (Part 9/Section 1)
35	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Aldehyde content	IS 3321
36	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Aldehyde content	IS 5271

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6332 **Page No** 3 of 22

Validity 29/09/2022 to 28/09/2024 **Last Amended on** -

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37	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	AMINE VALUE	ISO 9702
38	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Arrhenius kinetic constants-Activation Energy	ASTM E 698
39	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Arrhenius kinetic constants-Rate Constant	ASTM E 698
40	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Chemical resistance	ASTM D 543
41	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Cure behaviour (Complex viscosity)	ASTM D 4473
42	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Cure behaviour (gel point)	ASTM D 4473
43	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Cure behaviour (loss modulus)	ASTM D 4473
44	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Cure behaviour (Storage modulus)	ASTM D 4473
45	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Cure behaviour (Tan delta)	ASTM D 4473
46	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Degree of cure	ASTM E 2160
47	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Density	IS 101 (Part 1/Section 7)
48	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Dilution Ability or Compatibility	IEC 60464-2nd Edition
49	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Dilution Ability or Compatibility	IS 10026 (Part 2)
50	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Drying Time	ASTM D 1640
51	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Drying Time	IS 101 (Part 3/Section 1)
52	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Drying Time in Thin Layer	IEC 60464-2nd Edition
53	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Drying Time in Thin Layer	IS 10026 (Part 2)
54	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	EASILY HYDROLYZABLE CHLORINE VALUE	ASTM D 1726
55	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Effect of Varnish on Enameled Wire	IEC 60464-2nd Edition

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6332 **Page No** 4 of 22

Validity 29/09/2022 to 28/09/2024 **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
56	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Effect of Varnish on Enameled Wire	IS 10026 (Part 2)
57	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Enthalpy of fusion	ASTM D 3418
58	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Epoxy value	ASTM D 1652
59	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	EPOXY VALUE	ISO 3001 (E)
60	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Flexibility Test	IS 101 (Part 5: Section 2)
61	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Gel Time	IS 2535
62	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Glass transition temperature	ASTM D 7028
63	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Glass transition temperature	ASTM E 1640
64	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Glass transition temperature	ISO 6721 (Part 5)
65	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Glass Transition Temperature (Tg)	ASTM D 3418
66	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Glass Transition Temperature (Tg)	ASTM E 1356
67	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Hydroxyl group	ASTM E 222
68	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Mass Fraction of Butoxyl group	FFO/DRDO/MSQAA/16-0
69	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Measuring adhesion by tape test	ASTM D 3359
70	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Melt rheology (Complex viscosity)	ASTM D 4440
71	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Melt rheology (Gel Point)	ASTM D 4440
72	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Melt rheology (loss modulus)	ASTM D 4440
73	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Melt rheology (Storage modulus)	ASTM D 4440
74	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Melt rheology (Tan delta)	ASTM D 4440

SCOPE OF ACCREDITATION

Laboratory Name : FINE FINISH ANALYTICAL LABORATORY, PLOT NO 29 & 76, NEW CHEMICAL ZONE, TALOJA, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6332 **Page No** 5 of 22

Validity 29/09/2022 to 28/09/2024 **Last Amended on** -

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75	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Melting Point	IS 5762
76	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Melting temperature by thermal analysis	ASTM E 794
77	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Non-Volatile Content	ASTM D 1353
78	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Non-Volatile Content	ASTM D 2697
79	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Non-Volatile Content	IS 10026 (Part 2)
80	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Non-Volatile Content	IS 101 (Part 2/Section 2)
81	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Relative Viscosity	FFO/DRDO/MSQAA/16-01
82	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Resoftening	IS 10026 Part 2
83	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Scratch Hardness Test	IS 101 Part 5: Section 2
84	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Shear thinning (Thixotropy) index	ASTM D 2196
85	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Transition temperature	ASTM D 3418
86	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	VISCOSITY	ASTM D 2196
87	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	VISCOSITY	ISO 2555
88	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Viscosity by Rheometer	ASTM D 4287
89	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer and Resins	Volatile Content	S 101 (Part 2/Section 2)
90	CHEMICAL- PLASTIC & RESINS	Plastic, Polymer, Resins and Raw Material	Non - Volatile Content	IS 101 Part 8 Section 2
91	CHEMICAL- PLASTIC & RESINS	Plastic, Polymers, resins	Viscosity by Falling Ball Viscometer	ISO 12058-01
92	CHEMICAL- PLASTIC & RESINS	Plastics & Polymers	Water content	ISO 15512
93	CHEMICAL- PLASTIC & RESINS	Polymer & Polymer Matrix composite Materials	Wet resin Content	ASTM D 3529-16

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6332 **Page No** 6 of 22

Validity 29/09/2022 to 28/09/2024 **Last Amended on** -

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94	CHEMICAL- PLASTIC & RESINS	Polymer & Polymer Matrix composite Materials, Prepreg	Volatile Content	ASTM D 3530
95	CHEMICAL- PLASTIC & RESINS	Prepreg, Resins	Chang's Index	FF/TM-103
96	CHEMICAL- PLASTIC & RESINS	Raw material (Zinc Octoate, Cobalt Octoate, Manganese Octoate and Lead Octoate)	Cobalt content	FF/TM-17
97	CHEMICAL- PLASTIC & RESINS	Raw Materials (Acetone)	Purity of Acetone	IS 170
98	CHEMICAL- PLASTIC & RESINS	Raw Materials (Aliphatic or aromatic amines)	AMINE VALUE	ISO 9702
99	CHEMICAL- PLASTIC & RESINS	Raw Materials (Applicable between the temperature range of 5 and 110°C)	Flash Point	IS 101 Part 1 Section 6
100	CHEMICAL- PLASTIC & RESINS	Raw materials (Aqueous Solutions)	pH determination	ASTM E 70-07
101	CHEMICAL- PLASTIC & RESINS	Raw Materials (Coatings)	Non-Volatile Content	ASTM D 2697
102	CHEMICAL- PLASTIC & RESINS	Raw Materials (Cresylic acid mixtures)	Purity of M-Cresol	ASTM D 5310-10
103	CHEMICAL- PLASTIC & RESINS	Raw Materials (Cresylic acid mixtures)	Purity of P-Cresol	ASTM D 5310-10
104	CHEMICAL- PLASTIC & RESINS	Raw Materials (Cresylic acid mixtures)	Purity of Phenol	ASTM D 5310-10
105	CHEMICAL- PLASTIC & RESINS	Raw Materials (Crude petroleum, liquid petroleum products, and mixtures of petroleum and nonpetroleum products normally handled as liquids)	Density by Hydrometer	ISO 3675
106	CHEMICAL- PLASTIC & RESINS	Raw Materials (Crude petroleum, petroleum products, or mixtures of petroleum and non-petroleum products normally handled as liquids)	Density by Hydrometer	IS 1448 (P-16)
107	CHEMICAL- PLASTIC & RESINS	Raw Materials (Crude petroleum, petroleum products, or mixtures of petroleum and nonpetroleum products normally handled as liquids)	Density	ASTM D 1298
108	CHEMICAL- PLASTIC & RESINS	Raw Materials (Density by hydrometers for general purposes)	Density by Hydrometer	IS 3104 (Part 2)
109	CHEMICAL- PLASTIC & RESINS	Raw Materials (Epoxy Resins)	Epoxy Value	ASTM D 1652
110	CHEMICAL- PLASTIC & RESINS	Raw Materials (Epoxy resins, hardeners, and their compositions)	Specific Gravity	IS 9162
111	CHEMICAL- PLASTIC & RESINS	Raw Materials (Epoxy resins, hardeners, and their compositions)	Specific Gravity by Hydrometer	ASTM D 891

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6332 **Page No** 7 of 22

Validity 29/09/2022 to 28/09/2024 **Last Amended on** -

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112	CHEMICAL- PLASTIC & RESINS	Raw Materials (Hexamethylenetetramine)	Hexamine Content	IS 4306
113	CHEMICAL- PLASTIC & RESINS	Raw Materials (Industrial aromatic hydrocarbons and related materials)	Distillation range	ASTM D 850
114	CHEMICAL- PLASTIC & RESINS	Raw Materials (Insulating varnishes containing solvents and varnishes in the cured form)	Non-Volatile Content	IS 10026 (Part 2)
115	CHEMICAL- PLASTIC & RESINS	Raw Materials (Liquid paints and related products)	Density	IS 101 (Part 1/Section 7)
116	CHEMICAL- PLASTIC & RESINS	Raw Materials (Materials which exist as solids or liquids at ordinary temperatures)	Melting Point	IS 5762
117	CHEMICAL- PLASTIC & RESINS	Raw Materials (Method for determination of the ethanol content of hydrocarbon blends)	Purity of Ethanol	ASTM D 5501
118	CHEMICAL- PLASTIC & RESINS	Raw Materials (Methyl Ethyl Ketone)	Methyl Ethyl Ketone	ASTM D 2804-02
119	CHEMICAL- PLASTIC & RESINS	Raw Materials (Monocyclic Aromatic Hydrocarbons)	Analysis of trace impuries	ASTM D 7504
120	CHEMICAL- PLASTIC & RESINS	Raw Materials (non-cellular plastics)	Density	ISO-1183-1
121	CHEMICAL- PLASTIC & RESINS	Raw Materials (Non-Newtonian materials)	Viscosity	ASTM D 2196
122	CHEMICAL- PLASTIC & RESINS	Raw materials (Organic and inorganic compounds)	Water Content	ASTM E 203
123	CHEMICAL- PLASTIC & RESINS	Raw Materials (Paint, varnish and related prdducts)	Acid Value	IS 101 (Part 9/Section 1)
124	CHEMICAL- PLASTIC & RESINS	Raw Materials (Paint, varnish, lacquer, and related products)	Non-Volatile Content	ASTM D 1353
125	CHEMICAL- PLASTIC & RESINS	Raw Materials (Paint, varnishes and related products)	Non-Volatile Content	IS 101 (Part 2/Section 2)
126	CHEMICAL- PLASTIC & RESINS	Raw Materials (Paint, varnishes and related products)	Volatile Content	IS 101 (Part 2/Section 2)
127	CHEMICAL- PLASTIC & RESINS	Raw Materials (Paints and related products)	Viscosity by Flow Cup	IS 101 (Part 1:Section 5)
128	CHEMICAL- PLASTIC & RESINS	Raw Materials (Paints, inks, varnishes, lacquers, and components thereof)	Density by hydrometer	ASTM D 1475
129	CHEMICAL- PLASTIC & RESINS	Raw Materials (Paints, varnishes and other related products)	Non - Volatile Content	IS 101 Part 8 Section 2
130	CHEMICAL- PLASTIC & RESINS	Raw Materials (Paints, varnishes, and related products)	Viscosity by Rheometer	ASTM D 4287

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6332 **Page No** 8 of 22

Validity 29/09/2022 to 28/09/2024 **Last Amended on** -

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131	CHEMICAL- PLASTIC & RESINS	Raw Materials (Paints, varnishes, binders for paints and varnishes, and phenolic resins)	Non-Volatile Content	ISO 3251
132	CHEMICAL- PLASTIC & RESINS	Raw Materials (Peroxides)	Determine Active oxygen in Bleaching compound	ASTM D 2180
133	CHEMICAL- PLASTIC & RESINS	Raw Materials (Petroleum products and biodiese)	Flash Point	ASTM D 93
134	CHEMICAL- PLASTIC & RESINS	Raw Materials (Polymers and resins)	Viscosity by Falling Ball Viscometer	ISO 12058-01
135	CHEMICAL- PLASTIC & RESINS	Raw Materials (Polyurethane Raw Materials)	Acid Number	ASTM D 4662
136	CHEMICAL- PLASTIC & RESINS	Raw Materials (Propylene Glycol Monomethyl Ether, Dipropylene Glycol Monomethyl Ether, and Propylene Glycol Monomethyl Ether Acetate))	Purity of Propylene Glycol Mono Ethyl Ether Acetate	ASTM D 4773-02
137	CHEMICAL- PLASTIC & RESINS	Raw Materials (Resins)	Gel Time	IS 2535
138	CHEMICAL- PLASTIC & RESINS	Raw materials (Solid or liquid chemical products)	MOISTURE CONTENT	IS 2362
139	CHEMICAL- PLASTIC & RESINS	Raw Materials (Styrene)	Purity of Styrene	ASTM D 5135
140	CHEMICAL- PLASTIC & RESINS	Raw Materials (Thermosetting Resins)	Gel time	ASTM D 4640-86
141	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Arc Resistance	ASTM D 495
142	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Arc Resistance	IS 14672
143	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Comparative Tracking index	ASTM D 3638
144	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Comparative Tracking index	IEC 60112
145	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Comparative Tracking index	IS 2824
146	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Dielectric Strength at Ambient and Higher Temperature	ASTM D 149-09

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6332 **Page No** 9 of 22

Validity 29/09/2022 to 28/09/2024 **Last Amended on** -

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147	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Dielectric Strength at ambient and higher temperature	IEC 60243-1
148	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Dielectric Strength at ambient and higher temperature	IEC 60455-2-2
149	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Dielectric Strength in Oil at Ambient and Higher Temperature	IS 1576
150	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Dielectric Strength in oil at Higher Temperature	IS 1998
151	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Insulation Resistance test	IS 1998
152	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Insulation Resistance test	ASTM D 257-14
153	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Insulation Resistance test	IEC 62631-3-3
154	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Proof Voltage	ASTM D 1389-07
155	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Proof Voltage	ASTM D 149-09
156	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Proof Voltage	IEC 60243-1
157	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Sealed Tube	IEC 60034-18-22
158	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Surface Resistivity	ASTM D 257-14
159	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Surface Resistivity	IEC62631-3-2
160	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Surface Resistivity	IS 3396

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6332 **Page No** 10 of 22

Validity 29/09/2022 to 28/09/2024 **Last Amended on** -

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161	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Surface Resistivity	ISO 14309
162	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Volume Resistivity	60455-2-2
163	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Volume Resistivity	ISO 14309
164	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Volume Resistivity	ASTM D 257-14
165	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Volume Resistivity	IEC 62631-3-1
166	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Volume Resistivity	IS 3396
167	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, Polymers & composites	In Flexure - Dual Cantilever Beam (Storage modulus)	ASTM D 5418
168	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, Polymers & composites	In Flexure - Three Point Bending (loss modulus)	ASTM D 5023
169	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & Sandwich core composites	Compressive Modulus of Foam	ASTM C 165
170	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & Sandwich core composites	Compressive Modulus of Foam	ASTM D 1621
171	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & Sandwich core composites	Compressive Modulus of Foam	ISO 844
172	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & Sandwich core composites	Compressive Strength of Foam	ASTM C 165
173	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & Sandwich core composites	Compressive Strength of Foam	ASTM D 1621
174	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & Sandwich core composites	Compressive Strength of Foam	ISO 844
175	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & Sandwich core composites	Core Shear Modulus	ASTM C 273
176	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & Sandwich core composites	Core Shear Modulus	ASTM D 7249/D7249M
177	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & Sandwich core composites	Core Shear Modulus	ASTM D 7250/D7250M

SCOPE OF ACCREDITATION

Laboratory Name : FINE FINISH ANALYTICAL LABORATORY, PLOT NO 29 & 76, NEW CHEMICAL ZONE, TALOJA, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6332 **Page No** 11 of 22

Validity 29/09/2022 to 28/09/2024 **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
178	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & Sandwich core composites	Core Shear Strength	ASTM C 273
179	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & Sandwich core composites	Density of Foam	ASTM C 271
180	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & Sandwich core composites	Density of Foam	ISO 845
181	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & Sandwich core composites	Edgewise compressive strength of sandwich construction	ASTM C 364
182	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & Sandwich core composites	Facing stress Core Shear Stress	ASTM C 393
183	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & Sandwich core composites	Flame height	ASTM D3014
184	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & Sandwich core composites	Flatwise compressive properties of sandwich cores	ASTM C 365
185	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & Sandwich core composites	Flatwise tensile strength of sandwich construction	ASTM C 297
186	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & Sandwich core composites	Flexural Stiffness	ASTM D 7249/D7249M
187	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & Sandwich core composites	Flexural Stiffness	ASTM D 7250/D7250M
188	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & Sandwich core composites	Mass percentage retained	ASTM D 3014
189	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & Sandwich core composites	Tensile Properties of Foam	ASTM D 1623
190	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & Sandwich core composites	Tensile Properties of Foam	ISO 1926
191	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & Sandwich core composites	Time to extinguishment	ASTM D 3014
192	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & Sandwich core composites	Transverse shear rigidity	ASTM D 7249/D7249M
193	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & Sandwich core composites	Transverse shear rigidity	ASTM D 7250/D7250M
194	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & Sandwich core composites	Water absorption of rigid cellular plastics	ASTM C 272
195	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & Sandwich core composites	Water absorption of rigid cellular plastics	ASTM D 2842

SCOPE OF ACCREDITATION

Laboratory Name : FINE FINISH ANALYTICAL LABORATORY, PLOT NO 29 & 76, NEW CHEMICAL ZONE, TALOJA, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6332 **Page No** 12 of 22

Validity 29/09/2022 to 28/09/2024 **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
196	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Glass Fiber reinforced concrete/Gypsum plaster & Gypsum concrete	Compressive properties	ASTM C 1355
197	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Glass Fiber reinforced concrete/Gypsum plaster & Gypsum concrete	Compressive Strength of Hydraulic Cement Mortars (Using 2-in. or [50-mm] Cube Specimens)	ASTM C 109
198	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Glass Fiber reinforced concrete/Gypsum plaster & Gypsum concrete	Flexural Properties of Thin-Section Glass-Fiber-Reinforced Concrete (Using Simple Beam With Third-Point Loading)	ASTM C 947
199	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Glass Fiber reinforced concrete/Gypsum plaster & Gypsum concrete	Physical Testing of Gypsum Panel Products - Nail pull resistance	ASTM C 473
200	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Physical Testing of Gypsum, Gypsum Plasters and Gypsum Concrete - Density	Physical Testing of Gypsum, Gypsum plasters and Gypsum Concrete- Density	ASTM C 472
201	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Tensile strain	ASTM D882
202	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	% Elongation	ASTM D 3039
203	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	% Elongation	ASTM D 3916
204	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	% Elongation	ASTM D 638
205	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	% Elongation	ASTM D 6693
206	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	% Elongation	IS 13360 (Part 5/Section2)
207	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	% Elongation	ISO 527-1,2
208	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	% Elongation	ISO 527-4
209	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	% Elongation	ISO 527-5
210	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	% Elongation of 45 degree laminate	ASTM D 3518
211	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	% Elongation of 45 degree laminate	ISO 14129
212	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Apparent hoop tensile strength	ASTM D 2290

SCOPE OF ACCREDITATION

Laboratory Name : FINE FINISH ANALYTICAL LABORATORY, PLOT NO 29 & 76, NEW CHEMICAL ZONE, TALOJA, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6332 **Page No** 13 of 22

Validity 29/09/2022 to 28/09/2024 **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
213	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Ash Content of Plastics	ASTM D 229
214	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Ash Content of Plastics	ASTM D 5630
215	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Ash Content of Plastics	ISO 3451
216	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Barcol Hardness	ASTM D 2583
217	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Barcol Hardness	BS 2782-10 (Method 1001)
218	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Barcol Hardness	EN 59
219	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Barcol Hardness	IS 6746
220	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Bearing strength	ASTM D 953 (Procedure A)
221	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Bearing strength	ASTM D5961 / D5961M
222	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Bond Strength	ASTM D 2519
223	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Bond Strength	IEC 61033
224	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Bonding Strength	ASTM D229
225	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Charpy Impact Strength	ISO 179
226	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Charpy Impact Strength	ASTM D6110
227	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Chemical resistance of plastics	ASTM C 581
228	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Chemical resistance of plastics	ASTM D 543
229	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Chemical resistance of plastics	ISO 175
230	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Cleavage strength	ASTM: D1062(Ra2015)
231	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Compressive Modulus	ASTM D 3410

SCOPE OF ACCREDITATION

Laboratory Name : FINE FINISH ANALYTICAL LABORATORY, PLOT NO 29 & 76, NEW CHEMICAL ZONE, TALOJA, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6332 **Page No** 14 of 22

Validity 29/09/2022 to 28/09/2024 **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
232	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Compressive Modulus	ASTM D 6641-16e1
233	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Compressive Modulus	ASTM D 695
234	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Compressive Modulus	IS 13360-Part 5, Section 8
235	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Compressive Modulus	ISO 14126
236	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Compressive Modulus	ISO 604
237	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Compressive Modulus- After Impact	ASTM D7137/D7137M
238	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Compressive Modulus- After Impact	ISO 18352
239	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Compressive strain	ASTM D 3410
240	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Compressive strain	ASTM D 6641-16e1
241	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Compressive strain	ASTM D 695
242	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Compressive strain	IS 13360-Part5-Setion 8
243	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Compressive strain	ISO 14126
244	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Compressive strain	ISO 604
245	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Compressive Strength	ASTM D 3410
246	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Compressive Strength	ASTM D 6641-16e1
247	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Compressive Strength	ASTM D 695
248	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Compressive Strength	IS 13360-Part5- Section8
249	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Compressive Strength	IS 1998
250	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Compressive Strength	ISO 14126

SCOPE OF ACCREDITATION

Laboratory Name : FINE FINISH ANALYTICAL LABORATORY, PLOT NO 29 & 76, NEW CHEMICAL ZONE, TALOJA, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6332 **Page No** 15 of 22

Validity 29/09/2022 to 28/09/2024 **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
251	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Compressive Strength	ISO 604
252	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Compressive Strength - After Impact	ASTM D7137/D7137M
253	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Compressive Strength- After Impact	ISO 18352
254	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Constituent content	ASTM D 2584
255	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Constituent content	ASTM D 3171
256	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Constituent content	EN 2331
257	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Constituent content	EN 2564
258	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Constituent content	ISO 1172
259	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Cross breaking strength	IS 1998
260	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Density	ASTM D 792
261	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Density	IS 13360 (Part 5/Sec 11)
262	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Density	ISO 1183
263	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Drop-Weight Impact-Impact Energy	ASTM D7136/D7136M
264	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Drop-Weight Impact-Impact Energy	ISO 18352
265	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Drop-Weight Impact-impact velocity	ASTM D7136/D7136M
266	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Drop-Weight Impact-Impact Velocity	ISO 18352
267	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Durometer Hardness- Shore D	IS 13360 (Part 5/Sec 11)
268	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Durometer Hardness- Shore A	ASTM D 2240
269	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Durometer Hardness- Shore A	IS 13360 (Part 5/Sec 11)

SCOPE OF ACCREDITATION

Laboratory Name : FINE FINISH ANALYTICAL LABORATORY, PLOT NO 29 & 76, NEW CHEMICAL ZONE, TALOJA, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6332 **Page No** 16 of 22

Validity 29/09/2022 to 28/09/2024 **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
270	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Durometer Hardness- Shore A	ISO 868
271	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Durometer Hardness- Shore D	ASTM D 2240
272	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Durometer Hardness- Shore D	ISO 868
273	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	E-modulus	ASTM D 3039
274	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	E-modulus	ASTM D 3916
275	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	E-modulus	ASTM D 638
276	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	E-modulus	IS 13360(Part 5/Section 2)
277	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	E-modulus	ISO 527-1,2
278	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	E-modulus	ISO 527-4
279	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	E-Modulus	ISO 527-5
280	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Filled hole compression	ASTM D 6742
281	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Filled hole tensile strength	ASTM D 6742
282	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Flammability	ASTM D 229
283	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Flammability	ASTM D 635
284	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Flammability	IS 11239 (Part12)
285	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Flammability	IS 6746
286	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Flammability	UL 94
287	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Flexural Modulus	ASTM D 4476
288	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Flexural Modulus	ASTM D 6272

SCOPE OF ACCREDITATION

Laboratory Name : FINE FINISH ANALYTICAL LABORATORY, PLOT NO 29 & 76, NEW CHEMICAL ZONE, TALOJA, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6332 **Page No** 17 of 22

Validity 29/09/2022 to 28/09/2024 **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
289	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Flexural Modulus	ASTM D 7264
290	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Flexural Modulus	ASTM D 790-15e2
291	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Flexural Modulus	IS 13360 (Part 5/ section 7)
292	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Flexural Modulus	ISO 14125
293	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Flexural Modulus	ISO 178
294	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Flexural Strain	ASTM D 6272
295	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Flexural Strain	ASTM D 7264
296	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Flexural Strain	ASTM D 790-15e2
297	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Flexural Strain	ASTM D4476
298	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Flexural Strain	IS 13360 (Part 5/section 7)
299	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Flexural Strain	ISO 14125
300	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Flexural Strain	ISO 178
301	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Flexural Strength	ASTM D 4476
302	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Flexural Strength	ASTM D 6272
303	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Flexural Strength	ASTM D 7264
304	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Flexural Strength	ASTM D 790-15e2
305	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Flexural Strength	IS 13360 (Part 5/section 7)
306	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Flexural Strength	ISO 14125
307	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Flexural Strength	ISO 178

SCOPE OF ACCREDITATION

Laboratory Name : FINE FINISH ANALYTICAL LABORATORY, PLOT NO 29 & 76, NEW CHEMICAL ZONE, TALOJA, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6332 **Page No** 18 of 22

Validity 29/09/2022 to 28/09/2024 **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
308	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Gel time of Carbon Fiber-Epoxy prepreg	ASTM D 3532
309	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Heat Deflection temperature	ASTM D 648
310	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Heat Deflection temperature	IS 13360 (Part 6/section 17 &18)
311	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Heat Deflection temperature	ISO 75 (Part 1 & 2)
312	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	In-Plane shear strength of 45 degree laminate	ASTM D 3518
313	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	In-Plane shear strength of 45 degree laminate	ISO 14129
314	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	In-Plane shear strength test for reinforced plastics	ASTM D 3846
315	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Izod Impact Strength	ASTM D 256-10
316	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Izod Impact Strength	ISO 180
317	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Lap Shear Strength	ASTM D1002-10
318	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Lap Shear Strength-FRP bonding	ASTM D 5868
319	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Lap Shear Strength-rigid to rigid bonding	ISO 4587
320	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Mid Span Deflection	ASTM D 790-15e2
321	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Open hole compression	ASTM D 6484
322	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Open hole Tensile strength	ASTM D 5766
323	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Peel Strength	ASTM 1876
324	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Peel Strength	ISO 11339
325	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Pin bearing strength	EN 13706
326	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Pipe stiffness	ASTM D 2412

SCOPE OF ACCREDITATION

Laboratory Name : FINE FINISH ANALYTICAL LABORATORY, PLOT NO 29 & 76, NEW CHEMICAL ZONE, TALOJA, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6332 **Page No** 19 of 22

Validity 29/09/2022 to 28/09/2024 **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
327	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Poissons Ratio	ASTM D 3039
328	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Poissons Ratio	ASTM D 638
329	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Poissons Ratio	ASTM E 132
330	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Poissons Ratio	ISO 527-2,4,5
331	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Resistance to stains	IS 2046
332	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Riveting shear strength	FF/TM-153
333	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Secant Modulus	ISO 527
334	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Shear Modulus of 45 degree laminate	ASTM D 3518
335	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Shear Modulus of 45 degree laminate	ISO 14129
336	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Shear Properties of Composite Materials by the V-Notched Beam Method	ASTM D 5379
337	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Shear Properties of Composite Materials by V-Notched Rail Shear Method	ASTM D 7078
338	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Shear Strength	ASTM D 732
339	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Shear Strength	IS 1998
340	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Short Beam Strength	ASTM D 2344
341	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Short Beam Strength	ASTM D 4475
342	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Short Beam Strength	ISO 14130
343	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Specific Gravity	ASTM D 792
344	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Specific Gravity	IS 13360 (Part 3/Section 1)

SCOPE OF ACCREDITATION

Laboratory Name : FINE FINISH ANALYTICAL LABORATORY, PLOT NO 29 & 76, NEW CHEMICAL ZONE, TALOJA, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6332 **Page No** 20 of 22

Validity 29/09/2022 to 28/09/2024 **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
345	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Specific Gravity	ISO 1183
346	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Storage Modulus	ISO 6721-2
347	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Tensile lap shear strength	BS 4994
348	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Tensile Modulus	ASTM D882
349	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Tensile properties of Glass fiber strands, yarns & Roving	ASTM D 2343
350	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Tensile Single Lap shear Strength	ASTM D 3164
351	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Tensile Single Lap shear Strength	ASTM D 3165
352	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Tensile Single Lap shear Strength	ASTM D 3528
353	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Tensile Single Lap shear Strength	Pr EN 6060
354	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Tensile Strength	ASTM D 3039
355	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Tensile Strength	ASTM D 3916
356	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Tensile Strength	ASTM D 638
357	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Tensile Strength	ASTM D 6693
358	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Tensile strength	ASTM D 882
359	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Tensile Strength	IS 13360 (Part 5/Section 2)
360	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Tensile Strength	IS 1998
361	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Tensile Strength	ISO 527-1,2,
362	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Tensile Strength	ISO 527-4
363	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Tensile Strength	ISO 527-5

SCOPE OF ACCREDITATION

Laboratory Name : FINE FINISH ANALYTICAL LABORATORY, PLOT NO 29 & 76, NEW CHEMICAL ZONE, TALOJA, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6332 **Page No** 21 of 22

Validity 29/09/2022 to 28/09/2024 **Last Amended on** -

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364	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Tensile Strength of carbon tow	ASTM D 4018
365	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Thermal Endurance Characteristics of Electrical Insulating Varnishes Applied Over Film-Insulated Magnet Wire	ASTM D 3251
366	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Thermal endurance of film insulated round magnet wire	ASTM D 2307
367	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Thermal endurance of flexible sheet material	ASTM D 1830
368	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Thermal endurance of helical coil	ASTM D 3145
369	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Thermal endurance of rigid electrical insulating material	ASTM D 2304
370	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Ultimate tensile unit strength	BS 4994
371	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Void Content	ASTM D 2584
372	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Void Content	ASTM D 2734
373	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Void Content	ASTM D 3171
374	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Void Content	EN 2564
375	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Void Content	ISO 1172
376	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Volume Shrinkage	IS 13360(Part 3/Section 5)
377	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Volume Shrinkage	ISO 3521
378	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Water Absorption	ASTM C 948-81
379	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Water Absorption	ASTM D 5229
380	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Water Absorption	ASTM D 570
381	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Water Absorption	IS 13360-8-1

SCOPE OF ACCREDITATION

Laboratory Name : FINE FINISH ANALYTICAL LABORATORY, PLOT NO 29 & 76, NEW CHEMICAL ZONE, TALOJA, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6332 **Page No** 22 of 22

Validity 29/09/2022 to 28/09/2024 **Last Amended on** -

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382	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Water Absorption	IS 1998
383	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Water Absorption	IS 6746
384	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials	Water Absorption	ISO 62
385	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials, Paints And Varnishes	Pull of test for adhesion	ISO 4624
386	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials, Prepreg	Resin flow	ASTM D3531/D3531M-16
387	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer & Polymer Matrix composite Materials, Rope	Breaking load	IS 7071 (Part 4)
388	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber	Compression Set	IS 3400-Part 10
389	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber	Elongation of Rubber	ASTM D 412
390	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber	Tensile Strength of Rubber	ASTM D 412
391	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber and Rubber & Products	% Ash Content	IS 3400 (Part 22)
392	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber and Rubber Products	% Ash Content	ASTM D 297
393	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber and Rubber Products	Compression Set	ASTM D 395
394	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber and Rubber Products	Density	ASTM D 297
395	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber and Rubber Products	Density	IS 3400 (Part 9)