



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** 8 of 22

Validity 29/09/2024 to 28/09/2026 **Last Amended on** -

Electrical Scope of Accreditation from 148- 179

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
140	CHEMICAL- PLASTIC & RESINS	Raw Materials	Purity of Ethanol	ASTM D 5501
141	CHEMICAL- PLASTIC & RESINS	Raw Materials	Specific Gravity	IS 9162
142	CHEMICAL- PLASTIC & RESINS	Raw Materials	Specific Gravity by Hydrometer	ASTM D 891
143	CHEMICAL- PLASTIC & RESINS	Raw Materials	Viscosity	ASTM D 2196
144	CHEMICAL- PLASTIC & RESINS	Raw Materials	Viscosity by Rheometer	ASTM D 4287
145	CHEMICAL- PLASTIC & RESINS	Raw materials	Water Content	ASTM E 203
146	CHEMICAL- PLASTIC & RESINS	Raw Materials (Polymers and resins)	Viscosity by Falling Ball Viscometer	ISO 12058-01
147	CHEMICAL- PLASTIC & RESINS	Resins and polymers	Resistance to alkaline environment	IS 18255 (clause 15)
148	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Electrical insulating material	Arc Resistance	ASTM D 495
149	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Electrical insulating material	Arc Resistance	IS 14672
150	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Electrical insulating material	Comparative Tracking index	ASTM D 3638
151	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Comparative Tracking index	IEC 60112
152	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Comparative Tracking index	IS 2824
153	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Determination of Surface Resistivity of Conducting Paint	FF/TM-49
154	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Dielectric Strength at Ambient and Higher Temperature	ASTM D 149-09
155	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Dielectric Strength at ambient and higher temperature	IEC 60243-1
156	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Dielectric Strength at ambient and higher temperature	IEC 60455-2-2

This is annexure to 'Certificate of Accreditation' and does not require any signature.



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157	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Dielectric Strength in Oil at Ambient and Higher Temperature	IS 1576
158	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Dielectric Strength in oil at Higher Temperature	IS 1998
159	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Insulation Resistance test	IS 1998
160	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Insulation Resistance test	ASTM D 257-14
161	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Insulation Resistance test	IEC 62631-3-3
162	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Proof tracking index	IEC 60112
163	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Proof tracking index	IS 2824
164	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Proof Voltage	ASTM D 1389-07
165	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Proof Voltage	ASTM D 149-09
166	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Proof Voltage	IEC 60243-1
167	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Sealed Tube	IEC 60034-18-22
168	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Surface Resistivity	ASTM D 257-14
169	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Surface Resistivity	IEC62631-3-2
170	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Surface Resistivity	IS 3396



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171	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Surface Resistivity	ISO 14309
172	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Volume Resistivity	60455-2-2
173	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Volume Resistivity	ISO 14309
174	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Volume Resistivity	ASTM D 257-14
175	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Volume Resistivity	IEC 62631-3-1
176	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Volume Resistivity	IS 3396
177	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Determination of Electrical Resistance of conducting tape	FF/TM-168
178	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Surface resistance of conducting glass laminate	FF/TM-169
179	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Polymer & Polymer Matrix Composite Material	Volume resistivity of conducting glass laminate	FF/TM-169
180	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, Polymers & composites	In Flexure - Dual Cantilever Beam (Storage modulus)	ASTM D 5418
181	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, Polymers & composites	In Flexure - Three Point Bending (loss modulus)	ASTM D 5023
182	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	adhesives	Climbing Drum Peel	ASTM D 1781
183	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Coating and films	Pull-Off Strength	ASTM D 4541
184	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Composite material	In-Plane Shear Properties of Polymer Matrix Composite by Rail Shear Method	ASTM D 4255
185	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & Sandwich core composites	Compressive Modulus of Foam	ASTM C 165
186	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & Sandwich core composites	Compressive Modulus of Foam	ASTM D 1621