National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	PHOTOVOLTAIC LABORATORY - RENEWSYS INDIA PVT LTD, PLOT NO. 21,22 & 23, BOMMASANDRA JIGANI LINK ROAD, INDUSTRIAL AREA, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-8436
Validity	11/08/2022 to 10/08/2024

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	Cured EVA Sheet	Gel Content / Swell Ratio	IEC 62788-1-6 Edition 1.1
2	CHEMICAL- PLASTIC & RESINS	Ethyl Acetate	Water / Moisture Content	ASTM E203-16
3	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Cured Eva Sheet	Volume Resistivity	IEC 62788-1-2 Edition 1
4	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer / Plastic Sheet	Thickness	ASTM D6988-13
5	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer Granules	Density	ASTM D792-13
6	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer Granules	MFR (Melt Flow Rate)	ASTM D1238-13
7	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer Granules & Sheets	Melting point by DSC	ISO 11357-3
8	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer Materials / Sheets (Back Sheet)	Presence of Volatiles (Solvent Analysis)	ASTM D5830-14
9	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer Products / Sheets	Hardness (Shore-A)	ASTM D 2240-15
10	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer Sheets	Wetting tension	ASTM D2578-09
11	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer Sheets (EVA, Back Sheet, PET film etc)	Elongation at break (%)	ASTM D882
12	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer Sheets (EVA, Back Sheet etc)	Peel Bond / Peel Strength	ASTM D903
13	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer sheets / Films	Thermoshrinking / Dimesional Stability	ISO 11501
14	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer Sheets / Films (EVA, Back Sheet, PET film. etc)	Tensile Strength	ASTM D882-12
15	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Cured EVA Sheet	Transmittance	IEC 62788-1-4 Edition 1.1
16	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Cured EVA Sheet	UV cut off	IEC 62788-1-4 Edition 1.1
17	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Cured EVA Sheet	Yellowness Index	IEC 62788-1-4 Edition 1.1