



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name PSGTECHS COE INDUTECH LABORATORY, AVINASHI ROAD, NEELAMBUR, COIMBATORE, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5079 Page No. : 1 / 3

Validity 29/12/2018 to 28/12/2020 Last Amended on 01/01/2019

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
1	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Composite Materials, Foams, Non Woven's, Mordants	Steady state thermal resistance and related properties	ISO 8301: 2010	0.002 W/(m.k) to 1.0 W/(m.k)
2	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	High Modulus Composites	Compressive Properties of Rigid Plastics	ASTM D 695: 2015	400 Newton to 100000 Newton
3	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Polymer matrix composites	Tensile Properties	ASTM D 3039 M: 2017	400 Newton to 100000 Newton
4	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Polymers	Transition temperatures and enthalpies of fusion and crystallization of polymers by differential scanning calorimetry	ASTM D3418: 2015	30 °C to 1400 °C
5	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Sound Insulation Materials	Sound level	ISO 10534 – 2: 1998	40 dB to 90 dB
6	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Sound Insulation Materials	Sound absorption coefficient and impedance in impedance tube. Part 2 : Transfer function method Frequency range Sound absorption coefficient (a)	ISO 10534 – 2: 1998	128Hz to 51.2 kHz 0 to 1
7	MECHANICAL-TEXTILE MATERIALS	Fabric –Woven, Non Woven, Coated Textiles	Breaking Force and Elongation of Textile Fabrics (Strip Method)	ASTM D 5035 -11 : 2015	40 Newton to 2500 Newton



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8	MECHANICAL-TEXTILE MATERIALS	Fabric –Woven,Non Woven,Felted Fabrics	Breaking Force and Elongation of Textile Fabrics (Grab Test)	ASTM D 5034 -09: 2017	40 Newton to 2500.0 Newton
9	MECHANICAL-TEXTILE MATERIALS	Fabrics	Mass per unit area (weight) of fabric	ASTM D 3776 M-09 a-option C: 2017	10.0 g/m ² to 800.0 g/m ²
10	MECHANICAL-TEXTILE MATERIALS	Geo Textiles –Woven,Knitted,Felts, Geo composites	Geo synthetics - Wide width tensile test	DIN EN ISO 10319: 2015	400 Newton to 100000 Newton
11	MECHANICAL-TEXTILE MATERIALS	Non woven Textile	Elongation	DIN EN ISO 29073-3: 1992	0.5 % to 250 %
12	MECHANICAL-TEXTILE MATERIALS	Non woven Textile	Tensile strength Elongation	DIN EN ISO 29073-3: 1992	40 N to 10000 N
13	MECHANICAL-TEXTILE MATERIALS	Non woven Textiles	Thickness of non woven's	DIN EN ISO 9073-2-1995,Method A: 1997	0.1 mm to 20 mm
14	MECHANICAL-TEXTILE MATERIALS	Rubber, Plastic and Coated Fabrics	Fogging characteristics of rubber- or plastics-coated fabrics	ISO 6452: 2007	0.1 % to 200.0 %
15	MECHANICAL-TEXTILE MATERIALS	Textile Fabrics	Burning behavior	DIN EN ISO 6940: 2004	0 Seconds to 50 Seconds
16	MECHANICAL-TEXTILE MATERIALS	Textile material	Bursting Strength of Textile Fabrics—Diaphragm Bursting Strength Tester Method	ASTM D3786 M: 2018	1.0 kg/cm ² to 70.0 kg/cm ²
17	MECHANICAL-TEXTILE MATERIALS	Textile material(Woven&Knitted)	Thickness of textile materials	ASTM D 1777 - 96: 2015	0.1 mm to 20.0 mm



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18	MECHANICAL- TEXTILE MATERIALS	Textiles Fabrics	Flammability and flame resistance of textile fabrics -method B (45 0 Flame Test)	IS 11871-1986 -RA : 2004	0.00 Seconds to 30.0 Seconds
19	MECHANICAL- TEXTILE MATERIALS	Textiles Fabrics	Flammability of Apparel Textiles	ASTM D1230 : 2017	0.00 Seconds to 30.0 Seconds
20	MECHANICAL- TEXTILE MATERIALS	Textiles with Water Repellent and Water Resistance Fabrics	Water Resistance: Hydrostatic Pressure Test	AATCC 127 ,Method A: 2017	1 mbar to 1000 mbar
21	MECHANICAL- TEXTILE MATERIALS	Textiles-Fabrics	Burning behavior	DIN EN ISO 6941 : 2004	0.1 Seconds to 240.0 Seconds