National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : TECHNICAL TEXTILES LABORATORY, GARWARE TECHNICAL FIBRES LTD., PLOT NO 11, BLOCK D-1, MIDC, CHINCHWAD, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6278 **Page No** 1 of 3

Validity 10/02/2022 to 09/02/2024 **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	MECHANICAL- TEXTILE MATERIALS	Agro Textiles	Mass per unit area	IS 1964
2	MECHANICAL- TEXTILE MATERIALS	Agro textiles	Tensile Elongation by Strip method	IS 1969 (Part 1)
3	MECHANICAL- TEXTILE MATERIALS	Agro textiles	Tensile strength by Strip method	ASTM D 5035
4	MECHANICAL- TEXTILE MATERIALS	Agro textiles	Tensile strength by Strip method	ISO 13934-1
5	MECHANICAL- TEXTILE MATERIALS	Agro textiles	Tensile strength by Strip method	IS 1969 (Part 1)
6	MECHANICAL- TEXTILE MATERIALS	Agro textiles	Tensile strength & Elongation by Strip method	ASTM D 5035
7	MECHANICAL- TEXTILE MATERIALS	Agro textiles	Tensile strength & Elongation by Strip method	ISO 13934-1
8	MECHANICAL- TEXTILE MATERIALS	Agro textiles	Threads per unit Length	IS 1963
9	MECHANICAL- TEXTILE MATERIALS	Agro textiles	Width of fabrics	IS 1954
10	MECHANICAL- TEXTILE MATERIALS	Agro Textiles/Fabrics	Diaphragm Bursting Strength	ASTM D 3786
11	MECHANICAL- TEXTILE MATERIALS	Agro Textiles/Fabrics	Air Permeability	ASTM D 737
12	MECHANICAL- TEXTILE MATERIALS	Agro Textiles/Fabrics	Air Permeability	IS 11056
13	MECHANICAL- TEXTILE MATERIALS	Agro Textiles/Fabrics	Ball Bursting Strength	ASTM D 3787
14	MECHANICAL- TEXTILE MATERIALS	Agro Textiles/Fabris	Diaphragm Bursting Strength	IS 1966-1
15	MECHANICAL- TEXTILE MATERIALS	Coated Fabrics	Breaking Strength & Elongation at break	IS 7016 part-II
16	MECHANICAL- TEXTILE MATERIALS	Coated fabrics	Breaking Strength & Elongation at break	IS 7016 part-II
17	MECHANICAL- TEXTILE MATERIALS	Coated Fabrics	Mass per unit Area	IS 7016 part-I
18	MECHANICAL- TEXTILE MATERIALS	Rolled Erosion Control products (RECP)	Mass per unit Area	ASTM D6475

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19	MECHANICAL- TEXTILE MATERIALS	Rolled ErosionControl Products (RECP)	Ultimate Tensile Strength	ASTM D 6818
20	MECHANICAL- TEXTILE MATERIALS	Woven and Nonwoven geo textile	Water Permeability Test	IS 14324
21	MECHANICAL- TEXTILE MATERIALS	Woven and Nonwoven Geo Textile	CBR Puncture Strength	ISO 12236
22	MECHANICAL- TEXTILE MATERIALS	Woven and Nonwoven Geo Texile	Thickness	IS 13162-P3
23	MECHANICAL- TEXTILE MATERIALS	Woven and Nonwoven Geo Textile	Apparent Opening Size	ASTM D4751
24	MECHANICAL- TEXTILE MATERIALS	Woven and Nonwoven Geo Textile	Apparent Opening Size	IS 14294
25	MECHANICAL- TEXTILE MATERIALS	Woven and Nonwoven Geo textile	CBR Puncture Strength	ASTM D6241
26	MECHANICAL- TEXTILE MATERIALS	Woven and Nonwoven Geo Textile	Cone Drop Test	EN ISO 13433
27	MECHANICAL- TEXTILE MATERIALS	Woven and Nonwoven Geo Textile	Effective Opening Size	ISO 12956
28	MECHANICAL- TEXTILE MATERIALS	Woven and Nonwoven Geo Textile	Grab Strength & Elongation	ASTM D4632 / D4632M
29	MECHANICAL- TEXTILE MATERIALS	Woven and Nonwoven Geo textile	Grab Strength & Elongation	ASTM D4632 / D4632M
30	MECHANICAL- TEXTILE MATERIALS	Woven and Nonwoven Geo Textile	Index Puncture Test	ASTM D4833 / D4833M
31	MECHANICAL- TEXTILE MATERIALS	Woven and Nonwoven Geo textile	Mass per unit Area	ASTM D 5261
32	MECHANICAL- TEXTILE MATERIALS	Woven and Nonwoven Geo Textile	Mass per unit Area	ISO 9864
33	MECHANICAL- TEXTILE MATERIALS	Woven and Nonwoven Geo Textile	Thickness	ASTM D 5199
34	MECHANICAL- TEXTILE MATERIALS	Woven and Nonwoven geo textile	Trapezoid Tear Strength	ASTM D4533 / D4533M
35	MECHANICAL- TEXTILE MATERIALS	Woven and Nonwoven Geo Textile	Trapezoid Tear Strength	IS 14293
36	MECHANICAL- TEXTILE MATERIALS	Woven and Nonwoven geo textile	Water Permeability Test	ASTM D4491 / D4491M
37	MECHANICAL- TEXTILE MATERIALS	Woven and Nonwoven Geo Textile	Wide Width Tensile Strength & Elongation	ASTM D 4595

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38	MECHANICAL- TEXTILE MATERIALS	Woven and Nonwoven Geo Textile	Wide Width Tensile Strength & Elongation	IS 13162-P5
39	MECHANICAL- TEXTILE MATERIALS	Woven and Nonwoven Geo textile	Wide Width Tensile Strength & Elongation	IS 13162-P5
40	MECHANICAL- TEXTILE MATERIALS	Woven and Nonwoven Geo textile	Wide Width Tensile Strength & Elongation	ISO 10319
41	MECHANICAL- TEXTILE MATERIALS	Woven and Nonwoven Geo textile	Wide Width Tensile Strength & Elongation	ISO 10319
42	MECHANICAL- TEXTILE MATERIALS	Woven and Nonwoven geotextile	Index Puncture Test	IS 13162-P4
43	MECHANICAL- TEXTILE MATERIALS	Woven and Nonwoven GeoTextile	Thickness	ISO 9863-1
44	MECHANICAL- TEXTILE MATERIALS	Woven and Nonwoven Geotextile	Water Permeability Test	ISO 11058
45	MECHANICAL- TEXTILE MATERIALS	Woven and Nonwoven Geotextile	Wide Width Tensile Strength & Elongation	ASTM D 4595
46	MECHANICAL- TEXTILE MATERIALS	Woven and Nonwoven geotextiles	Mass per unit Area	IS 14716