

**Laboratory** Regional Laboratory, Textiles Committee, Door No. 10-1-1200, 1st Floor, UNI Building, Masab Tank Road, A. C. Guards, Hyderabad, Telangana

**Accreditation Standard** ISO/IEC 17025: 2005

**Discipline** Mechanical Testing **Issue Date** 10.09.2014

**Certificate Number** T-0860 **Valid Until** 09.09.2016

**Last Amended on** 12.12.2014 **Page** 1 of 1

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
<b>I. TEXTILE MATERIALS</b>				
1.	Yarn	Linear density	IS 1315: 1977 (RA 2005)	1 <sup>S</sup> to 130 <sup>S</sup>
		Lea Strength	IS 1671: 1977 (RA 2004)	10 N to 4500 N
2.	Yarn & Chords	Breaking Load and elongation at break of single thread	IS 1670: 1991 (RA 2007)	Strength: 1 N to 880 N Elongation: 5 % to 100 %
3.	Fabric/RMG/ Made up	Threads per unit length in woven fabrics	IS 1963: 1981 (RA 2004)	50 per dm to 1000 per dm
		Breaking Load and elongation - Strip	IS 1969: 1985 (RA 2006)	Strength: 100 N to 4500 N Elongation: 5 % to 50 %
		Linear density of Thread removed from fabric	TC/LAB/TM-02	1 <sup>S</sup> to 130 <sup>S</sup> 12 to 500 (D)
		Mass per Square Metre / Linear Metre of fabrics	TC/ LAB/TM-03 IS 1964: 2001(RA 2006)	25 g to 1000 g
		Length and Width of the fabric	IS 1954: 1990 (RA 2007)	1 cm to 700 cm
		Pilling Resistance (Box Type)	IS 10971: 1984 (RA 2004)	Grade 1 to 5
		Crease recovery by measuring angle of recovery	IS 4681: 1981 (RA 2004)	90 ° to 180 °

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