

Laboratory	Regional Laboratory, Textiles Committee, Platinum Centre, Fort Road, Cannanore, Kerala		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Mechanical Testing	Issue Date	13.06.2014
Certificate Number	T-0374	Valid Until	12.06.2016
Last Amended on	-	Page	1 of 2

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I. TEXTILES & RELATED PRODUCTS				
1.	Yarn	Determination of Linear density of Yarns spun on cotton System	IS 1315:1977 (RA 2010)	5 to 590 tex (1 to 120 ^s Ne)
		Determination of Lea Strength	IS 1671:1977(RA 2010)	100 to 2200 N (20 to 500 lb)
		Determination of Twist in yarn	IS 832:1985 (RA 2011) ASTM D: 1422-2013 ASTM D: 1423-2008 ISO 2061-2010	400 to 2300 Turns per Metre
		Grading cotton yarns for appearance	ASTM D: 2255-M 09(2013)	Below D to Grade A+ App index: 60 to 130
2.	Yarn & Chords	Determination of Breaking Load and elongation at break of single thread	IS 1670:1991 (RA 2012) ASTM D: 2256M-2010 ISO: 2062-2009	Strength: 1 to 90 N Elongation: 5% to 100%
3.	Fabric/RMG / Made up	Determination of Threads per unit length in woven fabrics	IS 1963:1981 (RA 2008) ASTM D: 3775- 2008 ISO 7211-2 – 1984 BSEN 1049–2-1994	390 to 1000 per dm

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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
4.	Fabric/RMG / Made up	Determination of Twist of yarn removed from fabric	IS 832:1985 (RA 2011) ASTM D: 1422-2013 ASTM D: 1423-2008 ISO 2061-2010	1 to 2300 Turns per Metre
5.	Fabric/RMG / Made up	Determination of Breaking Load and elongation of - strip method	IS 1969(Part-1): 2009) ASTM D: 5035 -2011 ISO 13934-1-13 BSEN ISO 13934-1-13	Strength: 100N to 2000 N Elongation: 1 to 50%
6.	Fabric/RMG / Made up	Linear density of Thread removed from fabric	TC/ LAB TM-02:2014	5 to 590 tex (1 to 120° Ne)
7.	Fabric/Made up	Mass per square metre / Linear meter fabrics (Weighing Method)	IS 1964-2001-MethodA) (RA 2011) ISO 3801-1983-Method 5 BSENISO 12127-2007 ASTM D: 3776-m2009a-option C	25 to 1500 g/sq.metre

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