

Laboratory **Regional Laboratory, Textiles Committee, NSO-2, Tonk Road ,
Nehru Place, Jaipur, Rajasthan**

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

Certificate Number **TC-6998**

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Validity **05.03.2018 to 04.03.2020**

Last Amended on --

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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CHEMICAL TESTING

I.	TEXTILE			
1.	Fibre, Yarn	Moisture content	IS-199-1989 RA-2005	0.1% to 50%
2.	Textiles	Identification of fibres	IS 667:1981 RA-2008 with supplement AATCC 20:2013, AATCC20A-2014	Qualitative
		Quantitative chemical analysis of mixtures:	IS 9889:1988 RA-2010 (Silk & wool)	0.1% to 100%
			IS 1889:1979 RA-2010 (Part 4) (Cotton + Viscose)	
			IS 1889:1979 RA-2010 (Part 4) (Cotton + Viscose)	
			IS 6503:1988 RA-2010 & 2005:1988 RA-2009 (Nylon + Others)	
			IS 2006:1988 RA-2009 (Wool + Others)	
			IS 3416- Part 1-: 1988, RA-2008 AATCC20A-2014 (Polyester + Cotton) (Polyester + Viscose)	
			IS 3421:1988 RA-2010 AATCC20A-2014 (Acrylic + Others) -DMF method	
			IS:9896-1981 RA-2008 (Polyolefin + Others)	

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MECHANICAL TESTING

I. TEXTILE MATERIALS				
1.	Yarn	Linear density	IS 1315:1977 (RA 2010)	590 Tex to 4.5 Tex 1 ^s to 130 ^s CC (41 D to 5315 D)
		Yarn Strength Parameters (Lea Strength)	IS 1671:1977 (RA 2004)	15 N to 4500 N
		Twist	IS 832 (Part 1 & Part 2): 2011 ASTM D 1422-2013 ASTM D 1423-2008 ISO 2061:2010	(1 to 2000)/meter (1 to 51)/Inch
2.	Fabric/RMG/ Made Up	Threads per unit length in woven fabrics	IS 1963:1981 (RA 2014) ASTM D 3775-2012 ISO 7211-2-1984 BSEN 1049-2-1994	(20 to 1000)/dm (5 to 254)/Inch
		Twist of yarn removed from fabric	IS 832 (Part 2): 2011 ASTM D 1422-2008 ISO 7211-4-1984	(1 to 2000) / meter (1 to 51) / Inch
		Breaking Strength of Woven fabrics (Ravelled Strip)	IS 1969 (Part 1): 2009 ASTM D 5035-2011 ISO 13934-1-2013	15 N to 4500 N (0.5 kgf to 500 kgf)
		Linear density of Thread removed from fabric	TC/ LAB TM-02:2014	590 Tex to 4.5 Tex 1 ^s to 130 ^s CC (41 D to 5315 D)
		Mass per unit length and mass per unit area	IS 1964:2001 (RA 2010) ISO 3801:1977 M 5 ISO 12127:2007 ASTM D 3776- M-09a option-C	1 g to 1500 g 1 g to 1500 g

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		Length and width of the fabric	IS 1954:1990 (RA 2012) ASTM D 3773-2010 RA 2014-Length ASTM D 3774-1996 (2012) Width	10 cm to 450 cm
		Flammability (Inclined)	IS 11871:1986 (RA 2004) Method-B	1 s to 60 s