

Laboratory	Regional Laboratory, Textiles Committee, NSO-2, Nehru Place, Tonk Road, Jaipur, Rajasthan		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	11.09.2015
Certificate Number	T-1027	Valid Until	10.09.2017
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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
I.	TEXTILE & TEXTILE AUXILIARIES			
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) IS 1889 (Part 4): 1979 (RA 2010) (Cotton + Viscose) IS 1889 (Part 4): 1979 (RA 2010) (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) AATCC 20A: 2014 (Polyester + Cotton) (Polyester + Viscose)	0.1 % to 100 %
			IS 3421: 1988 (RA 2010) AATCC 20A: 2014 (Acrylic + Others) – DMF method IS 9896: 1981 (RA 2008) (Polyolefin + Others)	0.1 % to 100 %

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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
	Textiles	Colour fastness to washing with soap or soap & soda Test I	IS /ISO 105 C10 A-1: 2006 ISO 105 C10 A-1: 2006	Qualitative (Grade 1 to 5)
		Test II	IS/ISO 105 C10 B-2: 2006 ISO 105 C10 B-2: 2006	Qualitative (Grade 1 to 5)
		Test III	IS/ISO 105 C10 C-3: 2006 ISO 105 C10 C-3: 2006	Qualitative (Grade 1 to 5)
		Test IV	IS /ISO 105-C10 D-4: 2006 ISO 105-C10 D-4: 2006	Qualitative (Grade 1 to 5)
		Test V	IS/ISO 105-C10 E-5: 2006 ISO 105-C10 E-5: 2006	Qualitative (Grade 1 to 5)
		Colour fastness to organic solvents	IS 688: 1988 (RA 2004) ISO 105-X05: 1994	Qualitative (Grade 1 to 5)
		pH of aqueous extracts	IS 1390: 1983 (RA 2004) AATCC-81: 2006 ISO 3071: 2005	1 to 14
		Colour fastness to Rubbing / Crocking	IS 766: 1988 (RA 2009) AATCC 8: 2007 ISO 105-X 12: 2001	Qualitative (Grade 1 to 5)
		Colour fastness to perspiration	IS 971: 1983 (RA 2004) ISO 105 EO4: 2013	Qualitative (Grade 1 to 5)
		Colour fastness to Water	IS 767: 1988 (RA 2009) ISO 105- E01: 2013	Qualitative (Grade 1 to 5)

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3.	Fiber, Yarns, Fabrics, Garments & made ups	Colour fastness to Xenon Arc Lamp	AATCC 16 (Option 5): 2004 IS 2454: 1985 (RA 2010) ISO 105 B02: 2014	Numerical Rating Blue Wool 1 to 8
		% Composition by physical separation	AATCC-20: 2013 AATCC-20A: 2014	0.1 % to 100 %
		Dimensional Changes (for various categories of fabrics) for soaking in water	IS 2977: 1989 (RA 2010) (Other than wool woven & knitted) IS 665: 1989 (RA 2010) (for fabrics containing wool)	(-) 50 % to 50 %

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