

Laboratory	Regional Laboratory, Textiles Committee, Platinum Centre, Fort Road, Cannanore, Kerala		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	13.06.2014
Certificate Number	T-0373	Valid Until	12.06.2016
Last Amended on	-	Page	1 of 5

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.	Fibres, Yarn	Estimation of Moisture	IS 199:1989 (Reaffirmed 2011)	0.6% to 50%
2.	Textiles	Identification of Textile fibres	IS 667 :1981 (Reaffirmed 2008) AATCC 20 :2013	Qualitative
		Fiber analysis	IS 9889:1988 (Reaffirmed 2010) (Silk & wool) IS 1889:1979 (Part 4) (Reaffirmed 2010) (Cotton + Viscose) IS 6503 :1998 (Reaffirmed 2010) & IS 2005 :1988 (Reaffirmed 2009) (Nylon + Others) IS 2006 :1988 (Reaffirmed 2009) (Wool + Others) IS 3416:1988 Part I (Reaffirmed 2008) (Polyester + Cotton) and (Polyester + Viscose)	0.1% to 100%

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Last Amended on - **Page** 2 of 5

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
			IS 3421:1988 (Reaffirmed 2010) (Acrylic + Others) – DMF method	
			IS 9896:1981 (Reaffirmed 2008) (Polyolefin + others) AATCC 20 A:2013	
		Colour fastness to washing Test I	IS / ISO 105 C10:2006 ISO 105 C10:2006 BSEN 20105-C01 :1993	Grade 1 to 5
		Test II	IS / ISO 105 C10:2006 ISO 105 C10:2006 BSEN 20105-C02:1993	
		Test III	IS / ISO 105 C10:2006 ISO 105 C10:2006 BSEN 20105-C03:1993	
		Test IV	IS / ISO 105 C10:2006 ISO 105 C10:2006 BSEN 20105-C04:1993	
		Test V	IS / ISO 105 C10:2006 ISO 105 C10:2006 BSEN 20105-C05 :1993	

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Last Amended on	-	Page	3 of 5

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		Colour fastness to dry cleaning	IS 4802:1988 (Reaffirmed 2010) ISO 105-D01:2010 AATCC 132:2013	Grade 1 to 5
		Colour fastness to organic solvents	IS 688:1998 (Reaffirmed 2009) ISO 105 – X05:1994	Grade 1 to 5
		Colour fastness to rubbing / Crocking	IS 766:1988 (Reaffirmed 2009) AATCC 8 :2013 ISO 105 – X 12 -2001	Grade 1 to 5
		Colour fastness to perspiration	IS 971:1983 (Reaffirmed 2009) BSEN ISO 105-E-041996 ISO 105 EO4:2013	Grade 1 to 5
3.	Fabrics, Garments & made ups	Colour Fastness to Laundering : Accelerated	ISO 105 C06-2010 BS EN ISO 105 C06:2010 AATCC 61-1A:2013	Grade 1 to 5
		Colour fastness to artificial light :Xenon Arc fading	AATCC 16.3 (Option 5):2012 IS 2454:1985 (Reaffirmed 2006) ISO 105 B02;2013 BS EN ISO 105 B02 1999	Grade 1 to 5 Class 1 to 8

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Certificate Number	T-0373	Valid Until	12.06.2016
Last Amended on	-	Page	4 of 5

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		Colour fastness to Water	IS 767:1988 (Reaffirmed 2009) ISO 105- E01:2010 AATCC –107:2013 BS EN ISO 105- E01:2010	Grade 1 to 5
		pH of aqueous extract	IS 1390:1983 (Reaffirmed 2009) ISO 3071;2005 AATCC 81:2012	1 to 14 pH
		Determination of Dimensional Changes (for various categories of fabrics) on soaking in water	IS: 2977:1989 (Reaffirmed 2005) (other than wool woven & knitted)	0.6% to 50%
		Determination of Formaldehyde – Free and Hydrolised (water extraction method)	ISO 14184-1 -2011 BS En ISO 14184-1-2011	1 to 1000 mg/kg
		Absorbency of Textiles	AATCC 79-2010	Upto 300 seconds
		Determination of b Water soluble matter of Textile Material	IS: 3456-1966 (RA 2005)	0 to 40%
		Determination of Scouring Loss in Grey and Finished Materials	IS 1383-1977(RA 2009)	0 to 20%

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Last Amended on **-** **Page** **5 of 5**

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		Fiber analysis (Physical) –Quantitative :	AATCC 20 A:2013	0.7% to 100%
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