

Laboratory Testing Laboratory, Ordnance Equipment Factory, Hazratpur,
Firozabad, Uttar Pradesh

Accreditation Standard ISO/IEC 17025: 2005

Discipline Chemical Testing **Issue Date** 19.10.2014

Certificate Number T-0617 **Valid Until** 18.10.2016

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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.	Textile Products	Colour Fastness to Washing with Soap or Soap and Soda	IS/ISO 105 (Part - C 10 : 2006) Test Number A (1) Test Number B (2) Test Number C (3) Test Number D (4) Test Number E (5)	Qualitative (1 to 5) Grade / $\pm 1/2$ grade (1 to 5) Grade / $\pm 1/2$ grade (1 to 5) Grade / $\pm 1/2$ grade (1 to 5) Grade / $\pm 1/2$ grade (1 to 5) Grade / $\pm 1/2$ grade
		Colour Fastness to Perspiration	IS 971: 1983 (RA 2009)	Qualitative (1 to 5) Grade / $\pm 1/2$ grade
		Fabrics (Other than Wool) Dimensional Changes on Soaking in Water	IS 2977: 1989 (RA 2011)	+0.1 % to +20 % -0.1 % to -20 %
		Colour Fastness to Sea Water	IS 690 : 1988 (RA 2009)	Qualitative (1 to 5) Grade / $\pm 1/2$ grade
		Colour Fastness to Organic Solvents	IS 688 : 1988 (RA 2009)	Qualitative (1 to 5) Grade / $\pm 1/2$ grade
		Colour Fastness to Rubbing	IS 766 : 1988 (RA 2009)	Qualitative (1 to 5) Grade / $\pm 1/2$ grade
		pH Value of Aqueous Extracts	IS 1390 : 1983 (RA 2009)	1 to 14 unit
		Scouring Loss in Grey and Finished Cotton Textile Materials	IS 1383 : 1977 (RA 2009)	0.1 % to 30 %
		Quantitative Chemical Analysis of Binary Mixture of Polyester Fibre with Cotton or Regenerated Cellulose	IS 3416 (Part 1): 1988 (RA 2008)	0 to 100 %
		Water Soluble Matter	IS 3456 : 1966 (RA 2011)	0.1 % to 30 %

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