

Laboratory	OPF Textile Testing Laboratory, Napier Road, Kanpur, Uttar Pradesh		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Mechanical Testing	Issue Date	21.07.2015
Certificate Number	T-0627	Valid Until	20.07.2017
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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 MATERIALS			
1.	Yarn & Sewing Thread	Linear Density	IS 1315: 1977 (RA 2010)	(5 to 500) Tex
		Single Yarn Tensile strength	IS 1670: 1991 (RA 2007)	(8 to 400) N
		Twist	IS 832 (Part 1 & Part 2): 1985 (RA 2010)	(5 to 600) Turns/cm
2.	Fabrics	Threads/decimeter	IS 1963: 2004 (RA 2008)	(20 to 900) Threads/dm
		Weight/Sq. m and Weight/Linear mtr	IS 1964: 2001 (RA 2010)	(20 to 600) GSM
		Breaking load and Elongation	IS 1969: 1985 (RA 2010)	50 N to 10 kN 5 % to 50%
		Weave	SOP/01/2010	Qualitative
		Crease Recovery Test	IS 4681: 1981 (RA 1999)	Up to 360 deg (Warp + Weft)
		Tearing Strength (Elmendorf Tester)	IS 6489: 1993 (RA 2006)	(13 to 113) N
3.	Tapes	Breaking Load	ADDE/BP/03, Appendix A	50 N to 90 kN
		Weight per Linear Meter	IS 4727: 1968 (RA 2011) ADDE/BP/03, Appendix B	(1 to 300) gm/linear mtr
4.	Cordage	Breaking Load & Elongation at Break	IS 7071 (Part 4): 1986 (RA 2008)	500 N to 10 kN 5 % to 80 %

Malancha Das
Convenor

N. Venkateswaran
Program Manager

