

Laboratory **K.G. Denim Limited, Thenthirumalai Jadayampalayam Post,
Mettupalayam, Tamil Nadu**

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

Certificate Number **TC-7392**

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Validity **09.06.2018 to 08.06.2020**

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.	Fabrics-Woven, Apparel, Upholstery (Other than Automotive)	Color fastness to laundering home & commercial	ISO 105 CO6 (E) (A2S, B2S) AATCC 61 (1A, 2A)	Grade: 1 to 5
		Color fastness to rubbing / crocking	ISO 105 X12 AATCC 8	
		Dimensional stability to washing	ISO 6330 AATCC 135	Upto 10 %
		ph of the water extract from wet processed textiles	AATCC 81	1 to 14
		Color fastness to water	AATCC 107	Grade: 1 to 5

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MECHANICAL TESTING

I.	TEXTILE MATERIALS			
1.	Fabrics-Woven, Apparel, Upholstery (other than Automotive)	Warp (end) and Filling (pick) count of woven fabrics	ASTM D 3775	25 to 760 threads per Inch
		Mass per unit area (weight) of fabric	ASTM D 3776 Option C	50 GSM to 700 GSM
		Tearing strength of fabrics by falling - pendulum type (Elmendorf Apparatus)	ASTM D 1424	150 gf to 5800 gf
		Width of the textile fabric	ASTM D3774 Option B	50 cm to 350 cm
		Breaking strength of textile fabric (Grab method)	ASTM D 5034	50 N to 4800 N (5 kgf to 480 kgf)