

Laboratory **BMD Pvt. Ltd., LNJ Nagar, Village-Mordi, Dist. Banswara, Rajasthan**
 Accreditation Standard **ISO/IEC 17025: 2005**
 Certificate Number **TC-6880 (in lieu of T-2142)** Page 1 of 2
 Validity **03.02.2018 to 02.02.2020** Last Amended on **07.02.2018**

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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MECHANICAL TESTING

I.	TEXTILE MATERIAL			
1.	Yarn	Tensile properties by single strand method Breaking Strength Elongation	ASTM D 2256-15	1 N to 50 N 1 % to 250 %
2.	Fabric (Woven and Knitted)	Thickness	ASTM D3574-17	0.1 mm to 17.5 mm
		Breaking Strength and Elongation	ASTM D 5034-13 EN ISO 13934-1-13	200 N to 4000 N 1 % to 200 %
		Tear Strength Trapezoid Method	ASTM D 5587-15	1 N to 2000 N
		Tear Strength – Trouser Shaped Single tear Method	ISO 13937-2-2000	1 N to 2000 N
		Strength of bond of laminated fabric	ASTM D 2724-15	1 N to 50 N
			DIN 53357-82	1 N to 50 N
		Abrasion Resistance by Rotary Platform, Double Head Method	ASTM D 3884-09 SAE J 948-17	Qualitative
		Abrasion resistance by Martindale Method	DIN EN ISO 12947-1,2,3 - 07	Qualitative
		Snagging Resistance Method (Mace)	ASTM D 3939-13	Qualitative (Visual Rating Grade 1 to 5)
		Stretch-Set (Constant Load Elongation-Set)	SAE J 855-09	Stretch- 0.2 % to 100 % Set-0 to 20 %
		Burning Behavior of automotive interior fabrics	ISO 3795-89	Upto 500 mm/min.
			SES N 3245-06	Upto 500 mm/min.
			FMVSS 302-08	Upto 500 mm/min.
	GMW3232-16		Upto 500 mm/min.	
	HES D 6003-99		Upto 500 mm/min.	
		MS 300-08-13	Upto 500 mm/min.	

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Page 2 of 2

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		Color fastness to light of automotive interior fabrics by Xenon-arc apparatus	SAE J 2412-15	Qualitative (Grey Scale Rating 1 to 5)
			JASO M 346-93	Qualitative (Grey Scale Rating 1 to 5)
		Fogging characteristics Photometric Method Gravimetric Method	SAE J 1756-06	100 Fog Number Upto 100 g

Malancha Das
Convenor

N. Venkateswaran
Program Director