

Laboratory **Quality Assurance Laboratory, Raymond UCO Denim Pvt. Ltd., Plot-C1, MIDC, Lohara, Yavatmal, Maharashtra**

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

Discipline **Mechanical Testing** **Issue Date** **08.12.2014**

Certificate Number **T-3224** **Valid Until** **07.12.2016**

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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 MATERIALS				
1.	Woven Fabric	Mass per Unit Area of Fabric	ASTM D3776 : 2009 (2013) (Option C)	50 gsm to 1000 gsm
		Breaking Strength of textile fabric (Grab test)	ASTM D5034 : 2009 (2013)	20 N to 2800 N (2 kgf to 285 kgf)
		Tearing strength of fabrics by falling-pendulum (Elmendorf type) Apparatus	ASTM D1424 : 2009 (2013)	5 N to 250 N (0.5 kgf to 25 kgf)
		Width of textile fabric	ASTM D3774 : 1996 (2012)	20 cm to 200 cm (0.2 m to 2 m)
		Stretch properties of fabrics Woven from stretch yarns	ASTM D3107 : 2007 (2011)	6 % to 50 %
		Stiffness of fabric by circular bend procedure	ASTM D4032 : 2008 (2012)	1.5 N to 98 N (0.15 kgf to 10 kgf)
		Resistance to slippage of yarns in woven fabric using standard seam	ASTM D434 : 1995	40 N to 500 N (4 kgf to 50 kgf)

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