

Laboratory	Quality Assurance Laboratory, Spentex, D-48, M.I.D.C., Baramati, Dist. Pune, Maharashtra		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Mechanical Testing	Issue Date	28.02.2014
Certificate Number	T-1702	Valid Until	27.02.2016
Last Amended on	-	Page	1 of 1

S.No.	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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TEXTILE & RELATED PRODUCTS

1. Fibre	i) Micronaire		ASTM D 5867 - 05	(2 to 5) microgram / inch
	ii) Length			(20 to 40) mm
	iii) Length Uniformity			(30 to 60)%
	iv) Strength			(2 to 50) g/Tex
	Short Fibre		STP/QA/FI/1 (Spentex Test Method)	1% to 25%
	i) Total Trash %		ASTM D 2812-07	0.01% to 6%
	ii) Microdust %		STP/QA/FI/4	0.01% to 5%
	iii) Invisible Loss %		(Spentex Test Method)	0.01% to 4%
2. Yarn	Yarn Count (Ne)		ASTM D1907/ D 1907 M-12	(1 to 120) Ne
	Yarn Unevenness (U%), Cvm %		ISO 16549-2004(E)	U%: 2% to 40%
	Imperfections/ km (Thin, Thick & Neps)		ISO 16549-2004 (E)	(1 to 9999) per km
	i) Rkm, Single Yarn		ASTM D 2256/ D 2256 M-10 ^{e1}	Rkm: (2 to 30) per km
	ii) Strength and iii) Elongation %			Strength: (100 to 1500) g Elongation %: 1% to 15%
	Single Yarn Twist		ASTM D 1422 – 99 (Reapproved 2008)	(80 to 10000) turns/meter

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