

Laboratory	Intertek India Private Limited, 501, Palladam Road, Thennampalayam, Tirupur, Tamil Nadu		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Mechanical Testing	Issue Date	02.05.2014
Certificate Number	T-0538	Valid Until	01.05.2016
Last Amended on	-	Page	1 of 4

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.	Textiles and Garments	Breaking Strength & Elongation	ISO 13934-Part I-2013 BS EN ISO 13934 Part II - 2014 BS 2576- 1986 ASTM D 5034-2009(2013)	10 N to 4.5 kN 0.5% to 200%
		Tear Strength	ASTM D 1424-2009(2013) BSEN ISO 13937-I 2000/ Cor.1 :2004(E) ASTM D 2261-2013 BSEN ISO 13937-II 2000 BS 4303-1968	320 gf to 5120 gf 10 N to 4.5 kN
		Bursting Strength	ASTM D 3786/D 3786-13 ISO 13938-1-1999 ISO 13938 Part II-1999	20 Psi to 160 Psi 110 KPa to 990 KPa
		Seam Properties	BS 3320-1988 ASTM D 434- 1995 BS EN ISO 13936-1: 2004 ASTM D 1683/D 1683M:2011a	10 N to 4.5 kN
		Threads per Unit Length (woven Fabric Construction)	BS 2862-1984 ISO 7211/2-1984 ASTM D 3775-2012 BS EN 1049 Part 2:1994	3 to 200 per inch (1 to 79 per cm)

Laboratory	Intertek India Private Limited, 501, Palladam Road, Thennampalayam, Tirupur, Tamil Nadu		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Mechanical Testing	Issue Date	02.05.2014
Certificate Number	T-0538	Valid Until	01.05.2016
Last Amended on	-	Page	2 of 4

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Textiles and Garments	Stitch Density (knitted fabric)	BS 5441-1988 ASTM D 3887-1996 (2008)	3 to 200 per inch (1 to 80 per mm)
		Fabric Weight Per Unit Area	BS 2471- 2005 ISO 3801-1977 ASTM D 3776/ 3776M-09a (2013)	30 to 1000 gm/m ²
		Distortion in bowed and skewed fabrics	BS 2819 - 1990 ASTM D 3882 –08(2012)e1	-50% to 20 %
		Flammability of General Clothing Textiles	ASTM D 1230-2010 CPSC CFR 16 PART 1610-2007 CAN/CGSB 4.2 No 27.5:2008	1 to 99 Sec
		Pilling Resistance	BSEN ISO 12945 part I 2001 BSEN ISO 12945 part II- 2000 ASTM D 3512/3512M-10e2 ASTM D 4970/D 4970 m 10e1 ASTM D 3514-2010	Grade: 1 to 5
		Abrasion Resistance	BS EN ISO 12947 –Part I :1998 BS EN ISO 12947 Part II-1998 Corr. 2008 ASTM D 4966- 12E1 ASTM D 3886-1999(2011)e1 ASTM D 3885- 2007a(2011)	1000 to 100000 cycles 2 to 99999 cycle

Laboratory	Intertek India Private Limited, 501, Palladam Road, Thennampalayam, Tirupur, Tamil Nadu		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Mechanical Testing	Issue Date	02.05.2014
Certificate Number	T-0538	Valid Until	01.05.2016
Last Amended on	-	Page	3 of 4

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Textiles and Garments	Fabric Width	BS 1930-1990 ISO 22198-2006 ASTM D 3774-1996(2012)	10 to 3000 mm
		Water Repellency	AATCC 22- 2010	0 to 100
		CPSC Drawstrings Guideline on Children's upper outer wear / clothing	ASTM F 1816:1997 (RA2009) BS EN 14682-2007 CPSC 208:1999	Qualitative
		Stretch Properties of knit fabrics	ASTM D 2594:04 (2012)	Growth Upto 20%
		Stretch Properties of Woven	ASTM D 3107:07(RA 2011)	Recovery Upto 90%
		Elasticity of Fabrics	BS EN 14704-1: 2005	Growth Upto 20%
		Flammability	BS EN 14878: 2007 Corr 2009	Max 50 sec
		Surface Flammability of Carpets & Rugs	16 CFR 1630 16 CFR 1631	Max 3.5 inch
		Seam properties	ISO 13935-2 :2014 ISO 13936-2: 2004	15.1 N to 728 N Upto 25 mm
		Zipper test	BS 3084:2006	10 N to 4.5 kN

Laboratory	Intertek India Private Limited, 501, Palladam Road, Thennampalayam, Tirupur, Tamil Nadu		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Mechanical Testing	Issue Date	02.05.2014
Certificate Number	T-0538	Valid Until	01.05.2016
Last Amended on	-	Page	4 of 4

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
2.	Toys & Textile Accessories	Sharp Point	16 CFR 1500.48	Qualitative
		Sharp Edge	16 CFR 1500.49	Qualitative
		Small Parts (Chocking Hazard Test)	16 CFR 1501	Qualitative
		Determination of Torque, Tension Impact, Compression And Flexure Test	16 CFR 1500.51-53	Qualitative
-X-X-X-X-X-X-X-X-X-X-X-X-X-				