

Laboratory Bureau Veritas Consumer Products Services (Chittagong) Ltd.,
Central Store Area, Karnaphuli Export Processing Zone (KEPZ),
North Patenga, Chittagong, Bangladesh

Accreditation Standard ISO/IEC 17025: 2005

Discipline Mechanical Testing **Issue Date** 04.05.2014

Certificate Number T-2218 **Valid Until** 03.05.2016

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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. TEXTILES & RELATED PRODUCTS				
1.	Garment / Fabric	Mass per unit area (weight) of fabric	ASTM D3776M-09a (Option C) (Reapproved 2013) ISO 3801 : 1977(Method 5) BS EN ISO 12127:1998	(20 to 1000) gsm
		Warp and Filling Count of Woven Fabric	ASTM D 3775:2012	(100 to 1000) Threads/dm (25 to 250) tpi
		Maximum force & Elongation using strip method	BS EN ISO 13934-1:2013	1 kg to 450 kg (10 N to 4500 N)
		Maximum force & Elongation using grab method	BS EN ISO13934- 2 :1999 ASTM D5034 – 09 (Reapproved 2013)	1 kg to 450 kg (10 N to 4500 N)
		Maximum force seam rupture-grab method	BS EN ISO 13935- 2 :1999	1 kg to 450 kg (10 N to 4500 N)
		Failure in seam of woven fabric	ASTM D 1683:M-11a	1 kg to 450 kg (10 N to 4500 N)
		Slippage Resistance of Yarns in woven fabrics: Seam Method.	ASTM D 434 :1995	1 kg to 450 kg (10 N to 4500 N)
		Tearing Strength of fabrics by falling Pendulum Type (Elmendorf Apparatus)	ASTM D1424 – 09 (Reapproved 2013) BS EN ISO 13937 -1 : 2000	100 g to 6000 g

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	Garment / Fabric	Tearing Strength of fabrics by tongue (single rip method)	ASTM D2261 : 2013 ISO 13937 -2 : 2000	1 kg to 450 kg (10 N to 4500 N)
		Bursting Strength of textile Fabrics-Diaphragm Bursting Strength Tester Method	ASTM D3786/D3786M -13 ISO 13938 -1 : 1999	125 kpa to 620 kpa (50 psi to 150 psi)
		Pilling Resistance and other related surface changes of textile fabrics : Random Tumble Pilling Tester	ASTM D3512 / D3512M - 10e2	Grade 1 to 5
		ICI pilling box method	BSEN ISO 12945-1:2001	Grade 1.0 to 5.0
		Fabric Propensity to surface Fuzzing and to Pilling. Part-2: Modified Martindale Method	BSEN ISO 12945-2:2000	Grade 1.0 to 5.0
		Abrasion Resistance of fabrics by the Martindale Method Part-2: Determination of Specimen Breakdown	BS EN ISO 12947-2:1999	Up to 1,00,000 Cycles
		Abrasion Resistance of fabrics by the Martindale Method. Part-3: Determination of Mass Loss	BS EN ISO 12947-3:1999	Up to 30%
		Holding Strength of prong Ring attached Snap Fasteners	ASTM D7142: 2005 (Reapproved 2011)	0.5 kg to 30 kg (1 lb to 60 lb)

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		Stretch and Recovery(Knit)	ASTM D2594 : 2004 (Reapproved 2012)	(0 to 50) %
		Stretch and Recovery(Woven)	ASTM D3107 : 2007 (Reapproved 2011)	(0 to 50) %
		Resistance to Snapping and Unsnapping of Fastners	ASTM D4846: 96 (Reapproved 2011)	1 N to 250 N (0.25 lbf to 50 lbf)
2.	Textiles	Determination of number of threads per unit length	ISO 7211-2:1984	(100 to 1000) Threads/dm (25 to 250) tpi
		Slippage resistance of yarns at a seam in woven : Seam opening method	ISO 13936-1:2004	1 kg to 450 kg (10 N to 4500 N)
		Bursting properties of fabrics -- Part 2: Pneumatic method for determination of bursting strength and bursting distension	ISO 13938-2:1999	125 kpa to 620 kpa (50 psi to 150 psi)
		Identifying toys and other articles intended for use by Children under 3 years of Age which present choking, Aspiration or ingestion hazards because of small parts.	16 CFR 1501:2012	Qualitative
		Flammability of clothing Textiles	16 CFR Part 1610:2008	(1 to 60) s

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		Flammability of childrens sleepwear (FPU Testing and Photo type Testing)	16 CFR Part 1615:2008 16 CFR Part 1616:2008	Upto 25.4 cm (10 Inch char length)
		Tension & Torque testing of Trim components	16 CFR 1500.51-53:2012	Qualitative
2.	Textiles Accessories	Sharp point in toys and other articles intended for use by children under 8 years of age	16 CFR 1500.48:2012	Qualitative
		Sharp metal or glass edge in toys and other articles intended for use by children under 8 years of age.	16 CFR 1500.49:2012	Qualitative
		Attachment Strength in Button / Small parts	CPSD-SL-31023-MTHD: 2012	Qualitative
		Impact Resistance of Plastic Sew -through Buttons	ASTM D 5171:09a	Qualitative
III. LEATHER AND LEATHER PRODUCTS				
1.	Leather Accessories	Sharp point in toys and other articles intended for use by children under 8 years of age	16 CFR 1500.48:2012	Qualitative
		Sharp metal or glass edge in toys and other articles intended for use by children under 8 years of age	16 CFR 1500.49:2012	Qualitative

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		Attachment Strength in Button / Small parts	CPSD-SL-31023-MTHD: 2012	Qualitative
		Impact Resistance of Plastic Sew -through Buttons	ASTM D 5171:09a	Qualitative

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