MAURITIUS STANDARDS BUREAU
Villa Road
MOKA

LIST 0F TESTS

FIBRE TECHNOLOGY LABORATORY

Test code	Description of test	Standard test method	STATUS
T 001	Determination of oil/wax content	IWS TM 136	NON-ACCREDITED
T 002	Analysis of fibre mixtures/blends		NON-ACCREDITED
	One fibre	ISO1833: 2006	NON-ACCREDITED
	Two fibres	ISO1833: 2006 – Part 11	NON-ACCREDITED
	Three fibres or more	ISO1833: 2006	NON-ACCREDITED
T 003	Fibre Length (Wool)	ISO 920: 1976	NON-ACCREDITED
T 004	Yarn analysis (Uster)		NON-ACCREDITED
T 005	Yarn count	ISO 2060:1994	NON-ACCREDITED
T 006	Yarn twist (single)	ISO 17202: 2002	ACCREDITTED
	Yarn twist (double)	ISO 2061:2010	NON-ACCREDITED
T 007	Single yarn strength and elongation	ISO 2062:2009	NON-ACCREDITED
~~T 008~~	Air permeability of fabrics	ISO 9237:1995	NOT AVAILABLE
T 009	Colour fastness to domestic and commercial laundering	ISO105C06:2010	NON-ACCREDITED
T 010	Dimensional change in washing & drying	ISO 6330:2012	NON-ACCREDITED
	One wash	ISO 3759:2011	NON-ACCREDITED
	Print Durability	ISO 5077:2007	NON-ACCREDITED
	Tumble drying	ISO 6330:2012	NON-ACCREDITED
	~~Each additional wash~~		NON-ACCREDITED
	Cross staining	ISO 6330:2012	NON-ACCREDITED
T 011	Colour fastness to dry/wet rubbing	ISO 105-X12:2001	ACCREDITTED
T 012	Colour fastness to light	ISO105-B02:1994+ Amd 1:1998+ Amd 2:2000	NON-ACCREDITED
T 013	Colour fastness to perspiration	ISO 105-E04:2008	ACCREDITTED
T 014	Colour fastness to water	ISO 105-E01:2010	ACCREDITTED
T 015	Colour fastness to sea water	ISO 105E02:1994/Cor 1:2002	NON-ACCREDITED
T 016	Colour fastness to chlorinated water	ISO 105-E03:2010	NON-ACCREDITED
T 017	Colour fastness to bleaching	ISO 105-N01:1993	NON-ACCREDITED
T 018	Determination of width/length of piece of textile fabrics and apparels	ISO 22198:2006	NON-ACCREDITED
T 019	Measurement of length of yarn from bobbins (yardage test)	Up to 2500 m 3000-5000 m Above 5500	NON-ACCREDITED
T 020	Determination of loop/stitch length	IWS TM169	NON-ACCREDITED
T 021	Determination of moisture content	ISO 287:2009	NON-ACCREDITED
T 022	Determination of mass per unit length/area	ISO 3801:1977 (Textiles)	ACCREDITTED
		ISO 536:1995 (Paper)	NON-ACCREDITED
		ISO 9864: 2005 (Geosynthetics)	NON-ACCREDITED
T 023	Determination of the number of threads per unit length (woven fabrics)	ISO 7211/2:1984	NON-ACCREDITED
T 024	Weave Type	ISO 3572:1976	NON-ACCREDITED
T 025	Determination of crimp of yarn from fabrics	ISO 7211-3:1984	NON-ACCREDITED

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T 026	Determination of yarn twists from fabrics		ISO 7211-4:1984	NON-ACCREDITED
T 027	Determination of yarn count from fabrics		ISO 7211-5:2020	
T 028	Determination of fabric propensity to surface fuzzing and pilling		ISO 12945-1:2020	ACCREDITTED
T 029	Breaking strength and elongation of fabrics Geosynthetics		ISO 13934-1:2013 ISO 13934-2:2014 ISO 10319:2015	NON-ACCREDITED
T 030	Thickness measurement	Plastics	ISO 5084:1996	NON-ACCREDITED
				NON-ACCREDITED
		Paper		NON-ACCREDITED
		Geosynthetics		NON-ACCREDITED
T 031	Stitch density of knitted fabrics			NON-ACCREDITED
T 032	Cover factor (plain knitted fabrics)		IWS TM169	NON-ACCREDITED
T 033	Seam slippage		BS EN ISO 13936-1:2004 (Identical to ISO 13936-1:2004	NON-ACCREDITED
T 034	Tear resistance (woven fabrics)		ISO 13937-2:2000	NON-ACCREDITED
T 035	Drape coefficient (woven fabrics)		BS 5058:1973	NON-ACCREDITED
T 036	Martindale abrasion test		ISO 12947-1:1998/Cor 1:2002	NON-ACCREDITED
			ISO 12947-2:1998/Cor 1:2002	NON-ACCREDITED
T 037	Relaxation shrinkage of wool containing fabrics		IWS TM 31	NON-ACCREDITED
T 038	Felting shrinkage/total dimensional change of wool containing fabrics (including relaxation)		IWS TM 31	NON-ACCREDITED
T 039	Burst strength test		ISO 13938-1:2019 ISO 2759:2014 (Carton)	NON-ACCREDITED
T 040	Resistance to Flex cracking		ISO 7854:1995 BS EN ISO 5457:1999+A1:2010 (Identical to ISO 5457:1999+Amd 1:2010)	NON-ACCREDITED
T 041	Coating Mass		BS 3424	NON-ACCREDITED
T 042	Colour fastness to dry cleaning		ISO 105-D01:2010	NON-ACCREDITED
T 043	Colour fastness to bleaching		ISO 105-N01:1993	NON-ACCREDITED
T 044	Angular variation/spirality		AATCC 179 NF GO7-163	NON-ACCREDITED
T 045	Dim stability to dry cleaning		ISO 3175:1977	NON-ACCREDITED

Test code	Description of test	Standard test method	STATUS
T 046	Toilet Paper	MS 49:2006 (incorporating amd 1)	NON-ACCREDITED
		Grammage	NON-ACCREDITED
		Dimensions	NON-ACCREDITED
		Length of rolls	NON-ACCREDITED
		Visual Tests, Freedom from holes Construction of rolls Type of paper, etc.	NON-ACCREDITED
		Water absorption rate	NON-ACCREDITED
		PH	NON-ACCREDITED
		Softness	NON-ACCREDITED
		Brightness	NON-ACCREDITED
		Tensile strength	NON-ACCREDITED
T 047	Crush resistance (Carton tubes)	ISO 11093 : part1:1994 part2:1994 part3:1994 part4:2016 part5:2016 part6:2005 part7:2011 part8:2017 part9:2019	NON-ACCREDITED
T 048	Edge Crush Resistance (Carton) Flat Crush Resistance (Carton)	ISO 3037:2013 ISO 7263-1:2018 ISO 7263-2:2018	NON-ACCREDITED
T 049	Blanket	MS 77:2006	NON-ACCREDITED
		Bursting Strength	NON-ACCREDITED
		Size Measurements	NON-ACCREDITED
		Weight	NON-ACCREDITED
		Composition	NON-ACCREDITED
		Visual Tests, Raising, Objectionable defects, Odour, Thread match	NON-ACCREDITED
		Oil Content	NON-ACCREDITED
		Weight Loss (3 Wash)	NON-ACCREDITED
		Dimensional Stability	NON-ACCREDITED
		C.F to light	NON-ACCREDITED
		C.F to Laundering	NON-ACCREDITED
T050	Identification of Dye Class	IS 4472 (pt 1) 1967	NON-ACCREDITED
T 051	Polyurethane Foams	SABS 640:2005	NON-ACCREDITED
		Tensile strength	NON-ACCREDITED
		Tearing Resistance	NON-ACCREDITED
		Compression Set	NON-ACCREDITED
		Density	NON-ACCREDITED
		Flammability (Ease of ignition)	NON-ACCREDITED

Test code	Description of test	Standard test method	STATUS
T 052	Shoe testing	MS ISO 20344:2011 (incorporating Amdt No 1)	NON-ACCREDITED
		Visual Toe puff, seat sock, Steel shank fitting, Quarter lining, eyelet, Polished tanned leather, Presentation/ Shape/ Look, Fully stitched	
T 052	Thickness	ISO 2589:2016 ISO 23529:2016	NON-ACCREDITED
	PH	Insole ISO 20344:2022	NON-ACCREDITED
		Insole + leather ISO 4045:2018	NON-ACCREDITED
		Flex Endurance SANS 647:1993	NON-ACCREDITED
		Tensile/Adhesion strength	NON-ACCREDITED
		Tearing strength ISO 3377-2:2016	NON-ACCREDITED
		Rubbing fastness	NON-ACCREDITED
		Chromic oxide content	NON-ACCREDITED
		Sulphated ash content	NON-ACCREDITED
		Kjeldahl nitrogen determination (Genuine leather: 14% of nitrogen in protein):ISO 1871:2009	NON-ACCREDITED
		Antislip resistance	NON-ACCREDITED
		Electrical resistance	NON-ACCREDITED
T 053	Resistance to water penetration & surface wetting	ISO 811:1981 ISO 4920:2012	NON-ACCREDITED
T 054	Color fastness to hot pressing	ISO 105 X11:1996	NON-ACCREDITED
T 055	Cheque paper testing	CBS 1	NON-ACCREDITED
~~T 056~~	~~Fibre length, strength and micronaire~~	~~ASTM: 1997~~	NON-ACCREDITED
T 057	Leather gloves	ISO 21420:2020	NON-ACCREDITED
		BS EN 388:2016+A1:2018	NON-ACCREDITED
		ISO 3071:2020	NON-ACCREDITED
		Resistance to water penetration BS EN 20811:1992, ISO 811:1981 (Identical to ISO 811:1981	NON-ACCREDITED
~~T 058~~	~~Determination of fibre length,~~	~~Uster Spec~~	NON-ACCREDITED
T 059	Determination of solubility of wool in alkali	BS 3568:1988 ISO 3072:1975	NON-ACCREDITED NON-ACCREDITED
T 060	Baby Diapers	KS 507-1	NON-ACCREDITED
		Moisture content	NON-ACCREDITED
		Absorption capacity	NON-ACCREDITED
		Permeation	NON-ACCREDITED
		Fluorescence	NON-ACCREDITED
T 061	Sanitary Towels pH	KS 507-1	NON-ACCREDITED
		ISO 3071:2020	NON-ACCREDITED
		Moisture content	
		Fluorescence	
		Ash content	
		Water soluble extracts	

Test code	Description of test	Standard test method	STATUS
T 062	Flammability testing	BS EN 71-2:2020	ACCREDITED
		ISO 6940:2004	NON-ACCREDITED
		ISO 6941:2020	NON-ACCREDITED
T 063	Colour fastness to dry heat (excluding pressing)	ISO 105-P01:1993	NON-ACCREDITED
T 064	Specification for PVC coated synthetic fibre fabric tarpaulin	MS 79:1990	NON-ACCREDITED
	Mass per unit area	ISO 2286-2:2016	NON-ACCREDITED
	Coating Mass	ISO 2286-2:2016	NON-ACCREDITED
	Composition	ISO 1833:2006	NON-ACCREDITED
	Breaking strength	ISO 1421:2016	NON-ACCREDITED
	Tearing strength	ISO 4674-1:2016	NON-ACCREDITED
	Flexing resistance	ISO 7854:1995	NON-ACCREDITED
T 065	Burning behaviour of bedding items	ISO 12952-1:2010	NON-ACCREDITED
		ISO 12952-2:2010	NON-ACCREDITED
	Protective clothing	ISO 15025:2016	NON-ACCREDITED
T 066	Determination of water absorptiveness (30 up to 180 secs)	ISO 535:2014	NON-ACCREDITED
T 067	Method of expression of dimensions – Processed writing paper and printed matter	ISO 353:1975 (Withdrawn on 2007-07-20 -no replacement)	NON-ACCREDITED
	Determination of iron content in cotton samples	ISO 1833:2006-2019 Extensive list	NON-ACCREDITED
T 069	~~Determination of density – Rubber, vulcanized~~	~~ISO 2781:1988~~	NON-ACCREDITED
T 070	Safety of toys – Part 1 Mechanical & Physical Properties	BS EN 71-1:2014+A1:2018	NON-ACCREDITED
	Safety of toys – Part 2 Flammability	BS EN 71-2:2020	ACCREDITED
T 071	Water absorption rate	MS 49:2006 + Amd 1:2010	NON-ACCREDITED
T 072	Determination of the recovery from creasing	ISO 2313-1:2021 ISO 2313-2:2021	NON-ACCREDITED
T 073	Determination of Water Vapour Permeability	ISO 20344:2022	NON-ACCREDITED
T 074	Determination of Impact Resistance	ISO 20344:2022	NON-ACCREDITED
T 075	Determination of pH of aqueous extract	ISO 3071:2020	NON-ACCREDITED
T 076	Determination of asbestos _(Presence/absence)	HSG 248 Cavendish Lab UK	SUBCONTRACTED TO AN ACCREDITED LABORATORY
	Determination of asbestos from air samples	HSG 248 Cavendish Lab UK	SUBCONTRACTED TO AN ACCREDITED LABORATORY
T 077	U.V resistance for PP bags B. Strength & elongation	ISO 23560:2015 ISO 13934-1:2013	NON-ACCREDITED NON-ACCREDITED
T 078	Visual tests	In house	NON-ACCREDITED
T 079	Assessment of toy test report	EN 71	NOT APPLICABLE
T 080	Determination of heavy metals on Textiles	BS 6648:1986	NON-ACCREDITED
~~T 081~~	~~Assessment of PVC Test Report~~	~~MS ISO 4452~~	NON-ACCREDITED
T 082	Feather & Down - Hygiene & Cleanliness	BS EN 12935:2001/ BS EN 1162:1997	NON-ACCREDITED NON-ACCREDITED NON-ACCREDITED
T 083	Heel Thickness	MS ISO 20344:2022	NON-ACCREDITED
T 084	Leakage and Immersion Requirements	MS ISO 20344:2022	NON-ACCREDITED

Test code	Description of test	Standard test method	Status
T 085	Assessment of Helmets Test Reports	As per regulations	***SHIFTED TO MECHANICAL ENGINEERING LAB***
T 086	Assessment of LPG Gas Hose	As per regulations	***SHIFTED TO MECHANICAL ENGINEERING LAB***
T 087	Assessment of Gas Lighter report	As per regulations	***SHIFTED TO MECHANICAL ENGINEERING LAB***
T 088	Assessment of Personal Protective Equipment Test Report	As per regulations	NOT APPLICABLE
T 089	Slip resistance	MS ISO 20344:2022	Can be Subcontracted to an accredited laboratory upon clients requests
T 090	Determination of rubber content in outsole	MS ISO 20344:2022	Can be Subcontracted to an accredited laboratory upon clients requests
T 091	Cleat thickness	MS ISO 20344:2022	NON-ACCREDITED
T 092	Oil resistance for footwear	MS ISO 20344:2022	Can be Subcontracted to an accredited laboratory upon clients requests
T 093	Antislippery	MS ISO 20344:2022	Can be Subcontracted to an accredited laboratory upon clients requests
T 094	Identification of leather	MS ISO 20344:2022	NON-ACCREDITED

Note: (i) Accredited tests are highlighted in yellow colour.
(ii) Assessment of reports issued by external laboratories are not applicable and highlighted in blue colour

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