



**DANH MỤC PHÉP THỬ ĐƯỢC CÔNG NHẬN (SỐ 1)**

*LIST OF ACCREDITED TESTS (No 1)*

*(Kèm theo quyết định số: /QĐ - VPCNCL ngày tháng 01 năm 2024  
của Giám đốc Văn phòng Công nhận chất lượng)*

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Tên phòng thí nghiệm: **Softlines Laboratory**

Laboratory: *Softlines Laboratory*

Cơ quan chủ quản: **Intertek Testing Services (Cambodia) Company Limited**

Organization: *Intertek Testing Services (Cambodia) Company Limited*

Lĩnh vực thử nghiệm: **Cơ, Hóa**

Field of testing: *Mechanical, Chemical*

Người quản lý/  
Laboratory manager: **Mr. Ramon V. Macaraig Jr.**

Số hiệu/ Code: **VILAS 634**

Hiệu lực công nhận/  
Period of Validation: **từ ngày /01 /2024 đến ngày 05/03/2025**

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**DANH MỤC PHÉP THỬ ĐƯỢC CÔNG NHẬN (SỐ 1)***LIST OF ACCREDITED TESTS (No 1)***VILAS 634****Lĩnh vực thử nghiệm:****Hóa***Field of testing:**Chemical*

<b>TT</b>	<b>Tên sản phẩm, vật liệu được thử <i>Materials or product tested</i></b>	<b>Tên phép thử cụ thể <i>The name of specific tests</i></b>	<b>Giới hạn định lượng (nếu có)/ Phạm vi đo <i>Limit of quantitation (if any)/range of measurement</i></b>	<b>Phương pháp thử <i>Test method</i></b>
1.	<b>Fabric, Garments</b>	Determination of pH of the aqueous extract	1 to 14	AATCC TM81-2022 ISO 3071:2020 JIS L1096 : 2010 (Sec. 8.37, Method A) BS EN ISO 3071:2020 AS 2001.3.1:1998 (R2016) GB/T 7573:2009
2.	<b>Leather</b>	Determination of pH of the aqueous extract	1 to 14	BS EN ISO 4045:2018
3.		Fiber Analysis-qualitative		AATCC TM20-2021
4.	<b>Fabric, Garments</b>	Fiber Analysis-quantitative	Up to 100%	AATCC TM20A-2021 BS 4407: 1988 ISO 1833-2020 (Part 1-3,12,18) ISO 1833-2019 (Part 9,10,13,14,15,16,17,19,21) BS EN ISO 1833 : 2020 (Part 1,2,8,17) BS EN ISO 1833:2011 (Part 24) BS EN ISO 1833 : 2020 (Part 25,26) BS EN ISO 1833 : 2020 (Part 3,12,18,21,28) 73/44/EEC and 96/73/EC Amd 2008/121/EC (Regulation (EU) No. 1007/ 2011) AS 2001.7:2005
5.		Detection of Formaldehyde (Qualitative) Spot Test	10 mg/kg	AATCC TM94-2020
6.	<b>Fabric, Garments</b>	Determination of Formaldehyde content UV VIS method	10 mg/kg	BS EN ISO 14184-1:2011 BS EN ISO 14184-2:2011 ISO 14184-1:2011 ISO 14184-2:2011 AATCC TM112:2020 AATCC TM206-2020 JIS L 1041:2011 GB/T 2912.1:2009

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<b>TT</b>	<b>Tên sản phẩm, vật liệu được thử</b> <i>Materials or product tested</i>	<b>Tên phép thử cụ thể</b> <i>The name of specific tests</i>	<b>Giới hạn định lượng (nếu có)/ Phạm vi đo</b> <i>Limit of quantitation (if any)/range of measurement</i>	<b>Phương pháp thử</b> <i>Test method</i>
7.	<b>Leather</b>	Determination of Formaldehyde content HPLC method	5 mg/kg	EN ISO 17226-1:2021 SOP-CHEM-027, Issue: 01/00:2018
8.		Determination of Formaldehyde content UV-VIS method	5 mg/kg	EN ISO 17226-2:2019 SOP-CHEM-027, Issue: 01/00:2018
9.	<b>Paint and Other Similar Surface Coatings</b>	Determination of total Lead (Pb) content ICP-MS method	20 mg/kg	CPSC-CH-E1003-09.1:2011 (16 CFR 1303 /CPSIA 2008 - Public law No. 110-314 – Title 1 -section 101) ASTM E1645-21 ASTM F963-17 4.3.5.1 (2) SOP-CHEM-003, 01/02:2015
10.	<b>Textile &amp; accessories including print on textile or leather items and polymeric products (eg, plastic)</b>	Determination of Phthalates content <b>Group-1</b> [DBP; BBP; DEHP; DNOP; DINP; DIDP] <b>Group-2</b> [DIBP; DIPP; DPENP; DHEXP; DCHP; PIPP; DMEP; DIHP; DHNUP; DMP; DEP; 1,2-Benzenedicarboxylic acid, dipentylester, branched & liner;] GC-MS method	100 mg/kg (each compound)	CPSC-CH-C1001- 09.4:2018 BS EN ISO 14389:2014 BS EN 14372: 2004 EPA 3580A and 8270C SOP-CHEM-018, 01/00:2015
11.	<b>Textile fabric, Garment,</b>	Determination of Chlorinated Organic Carriers (COC) content Dichlorobenzenes; Trichlorobenzenes; Tetrachlorobenzenes; Pentachlorobenzene; Hexachlorobenzene; Chlorotoluene; Dichlorotoluenes; Trichlorotoluene; Tetrachlorotoluene; Pentachlorotoluene. GC-MS method	0.1 mg/kg (each compound)	DIN 54232:2010, BS EN 17137:2018 <b>DIN EN 17137:2019*</b> SOP-CHEM-019, 01/00:2019

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12.	<b>Textile fabric, Garment, Leather</b>	Determination of Organotin Compounds (OTC) content n-Butyltin trichloride (MBT); Di butyltin dichloride (DBT); Tributyltin chloride (TBT); Tetrabutyltin (TeBT); n-Octyltin-trichloride (MOT); Di-n-Octyltin-dichloride (DOT); Trioctyltin-chloride (TOT); Triphenyltin-chloride (TPhT); Tricyclohexyltin-chloride (TcHT); Methyltin trichloride (MeT); Dimethyl Tin (DMT); Trimethyl Tin (TMT); Di-n-propyltin-dichloride (DProT); Diphenyltin-dichloride (DPhT). GC-MS method	0.05 mg/kg (each)	Intertek Global Harmonized SOP CO 064.TP: 2019 (Refer: DIN EN ISO17353:2005 <b>ISO 22744-1/2:2020**</b> ISO/TS 16179:2012 SOP-CHEM-020, 01/01:2017 SOP-CHEM-030, 01/01:2019 BS EN 22744-2:2020
13.	<b>Textile fabric, Garment, Leather, Silica Gel</b>	Determination of Dimethyl Fumarate (DMFu) content GC-MS method	0.1 mg/kg	SOP-CHEM-022, Issue: 01/01:2017 BS EN ISO 16186:2021
14.	<b>Plastic</b>	Determination of Butylated Hydroxy Toluene (BHT) content GC-MS method	1.0 mg/kg	ASTM D 4275-09 SOP-CHEM-024, Issue: 01/00:2016
15.		Determination of Bisphenol A LC-MS/MS method.	0.1 mg/kg	Intertek Global Harmonized SOP CO 11.TP:2023 SOP-CHEM-023, Issue: 01/01:2019
16.	<b>Non-metal Children's Products</b>	Determination of total Lead (Pb) content ICP-MS method	20 mg/kg	CPSC-CH-E1002-08.3:2012 (CPSIA 2008– Public law No. 110-314) EPA 3051A: 2007 ASTM D F963-11 Clause 4.3.5.2, SOP-CHEM-002, Issue: 01/02:2015

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<b>TT</b>	<b>Tên sản phẩm, vật liệu được thử</b> <i>Materials or product tested</i>	<b>Tên phép thử cụ thể</b> <i>The name of specific tests</i>	<b>Giới hạn định lượng (nếu có)/ Phạm vi đo</b> <i>Limit of quantitation (if any)/range of measurement</i>	<b>Phương pháp thử</b> <i>Test method</i>
17.	<b>Children's Metal Products (Including Children's Metal Jewelry)</b>	Determination of total Lead (Pb) content ICP-MS method	20 mg/kg	CPSC-CH-E1001-08.3:2012 (CPSIA 2008 - Public law No. 110-314), SOP-CHEM-001, Issue: 01/02:2015
18.	<b>Textile &amp; Leather trims including print and polymeric materials</b>	Detection of PVC Beilstein Method-Flame Test	Qualitative	SOP-TEXT-069: 2014 (Reference: CCI Notes 17/1), SOP-CHEM-009, Issue: 01/00:2015
19.	<b>Textile, Plastic &amp; Leather</b>	Determination of AP (Octyl Phenol (OP) & Nonyl Phenol (NP)) and APEOs [Octyl Phenol Ethoxylates (OPEO congeners 2-16) & Nonyl Phenol Ethoxylates (NPEO congeners 2-16)] LC-MS/MS method.	OP & NP: 3 mg/kg (each compound) OPEO & NPEO = 10 mg/kg (each compound)	ISO 18254-1:2016, ISO 18218-1:2015, SOP-CHEM-008, Issue: 2:2016
20.	<b>Leather</b>	Determination of Chromium (VI) content (Non- Aging) UV-VIS method.	1.5 mg/kg	ISO 17075-1:2017 BS EN ISO 17075-1: 2017, SOP-CHEM-014, Issue : 01/00:2015
21.		Determination of Chromium (VI) content. (Aging) UV-VIS method.	1.5 mg/kg	ISO 17075-3:2017, SOP-CHEM-014, Issue : 01/00:2015
22.	<b>Paper, Polymer</b>	Determination of Chromium (VI) content. UV-VIS method.	1.5 mg/kg	EPA 3060A:1996, SOP-CHEM-014, Issue : 01/00:2015

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<b>TT</b>	<b>Tên sản phẩm, vật liệu được thử</b> <i>Materials or product tested</i>	<b>Tên phép thử cụ thể</b> <i>The name of specific tests</i>	<b>Giới hạn định lượng (nếu có)/ Phạm vi đo</b> <i>Limit of quantitation (if any)/range of measurement</i>	<b>Phương pháp thử</b> <i>Test method</i>
23.	<b>Textile fabric, Garment, Leather</b>	Determination of Banned aryl amines from Azo <b>Dyes:</b> [ o-Toluidine (95-53-4); 2-Methoxyaniline (90-04-0); p-Chloroaniline ( 106-47-8); p-Cresidine (120-71-8); 2,4,5 -Trimethylaniline(137-17-7); 4-Chloro-o-Toluidine (95-69-2); 2,4-Toluylenediamine (95-80-7); 2,4-Diaminoanisol (615-05-4); 2-Napthylamine (91-59-8); 2-Amino-4-Nitrotoluene (99-55-8); 4-Aminodiphenyle (92-67-1); 4,4'-Oxydianiline (101-80-4); Benzidine (92-87-5); 4,4'-Diaminodiphenylmethane (101-77-9); o-Aminoazotoluene (97-56-3); 3,3'-Dimethyl-4,4'-Diaminodiphenylmethane (838-88-0); 3,3'-Dimethylbenzidine (119-93-7); 4,4'-Thiodianiline (139-65-1); 3,3' -Dichlorobenzidine (91 - 94-1); 4,4'-Methylene-bis-(2-Chloroaniline) (101-14-4); Dimethoxybenzidine ( 119-90-4); 2,4-Xylidine (95-68-1); 2,6 -Xy lidine (87- 62-1 ) : P-Aminoazobenzene (60-09-3)] GC-MS & HPLC-DAD method.	5 mg/kg(each)	BS EN 14362-1 : 2017 BS EN 14362 -3 : 2017 <b>ISO 14362-1:2017*</b> <b>ISO 14362-3:2017*</b> <b>DIN EN ISO 17234-1 : 2015*</b> <b>BS EN ISO 17234-2 : 2011**</b> <b>ISO 17234-1:2020**</b> <b>ISO 17234-2:2011**</b> GB/T 17592 :2011, SOP-CHEM-005, 01/06:2020

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24.	<b>Metal &amp; Metal Alloy</b>	Screening Test for Nickel Release	Qualitative	EN 12471:2002, CEN/TR 12471:2022 SOP-CHEM-011, Issue: 01/00:2015
25.	<b>Metal &amp; Metal Alloy</b>	Determination of Nickel Release ICP-MS method	0.05 µg/cm <sup>2</sup> /week	EN 12472:2020 EN 1811:2011 +A1:2015 <b>EN 1811:2023*</b> SOP-CHEM-012, Issue: 01/00:2015
26.	<b>Paper, Polymer</b>	Determination of Metal (Pb, Cd, Cr, As, Hg) in Packaging Material ICP-MS method	5 mg/kg (each element)	SOP-CHEM-017, Issue: 01/01:2017
27.	<b>Textile</b>	Determination of Extractable Metal (Sb, As, Hg, Pb, Cd, Co, Cu, Cr, Ni, Cr (total)) ICP-MS method	each element As, Pb: 0.1 mg/kg Co, Ni: 0.3 mg/kg Sb, Cu: 1.0 mg/kg Cd: 0.03 mg/kg Hg: 0.01 mg/kg Cr: 0.5 mg/kg	ISO 105-E04:2013 DIN 54233-2:2014, SOP-CHEM-015, Issue: 01/01:2017
28.		Determination of Total Chromium ICP MS method	Cr: 0.5 mg/kg	<b>EN 16711-1:2015**</b>
29.	<b>Textile, Metal, Plastic</b>	Determination of Soluble Metal (Sb, As, Pb, Cd, Ba, Se, Hg, Cr) content ICP-MS method	5 mg/kg (each element)	EN 71-3:2019, SOP-CHEM-015, Issue: 01/01:2017
30.		Determination of Total Cadmium (Cd) content ICP-MS method	5 mg/kg	BS EN 1122:2001, SOP-CHEM-010, Issue: 01/01:2017
31.	<b>Textile</b>	Determination of Quinoline LCMS-MS method	10 mg/kg	DIN 54231:2022/ Harmonized SOP -CO12 TP:2023
32.	<b>Rice</b>	Determination of Metal element content (Pb, Cd, Cu, As, Hg) content ICP-MS method	Pb: 0.4 mg/kg Cu: 3 mg/kg Cd, As, Hg: 0.1 mg/kg (each element)	AOAC 999.10

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33.	<b>Wastewater</b>	Determination of Metal (Pb, Cd, Cr, Hg, Co, Ni, Sb, As, Cu, Zn, Mn) content ICP-MS method	5 µg/L (each element)	HSOP C036.TP I-5 2022 HSOP C058.TP I-3 2021
34.		Determination of pH value at given Temperature.	1 to 14	SMEWW 4500-H+ :2023 ISO 15023, US EPA 150.1: 1982 GB/T 6920:1986, SOP-ENV-002, Issue:01/01:2019
35.		Determination of Total Suspended Solid (TSS) with glass microfiber filter (pore size 1.2 µm)	5 mg/L	SMEWW 2540-D:2023 GB/T 11901-1989 US EPA 160.2: 1999 SOP-ENV-003, Issue: 01/01:2019
36.		Determination of Biological Oxygen Demand (BOD)	5 mg O <sub>2</sub> /L	SMEWW 5210-B:2023 HJ 505-2009 / ISO 5815-1: 2019 ISO 5815-2:2003 EN-1899-1: 1998 US EPA 405-1:1974 SOP-ENV-004, Issue: 01/01:2019
37.		Determination of Chemical Oxygen Demand (COD)	30 mg/L	SMEWW 5220-D:2023 HJ 828-2017 ISO 6060:1989 US EPA 410.4: 1993 GB/T 11914:1989 SOP-ENV-005, Issue: 01/01,2019
38.		Determination of Oil & Grease content	5 mg/L	SMEWW 5520 -B: 2023 HJ 637-2018 / ISO 9377-2:2000 US EPA-1664:2010 SOP-ENV-006, Issue: 01/01:2019
39.		Determination of Color	Per meter	ISO 7887:2011 (Method B), SOP-ENV-007 Issue: 01/00:2018
40.		Determination of Conductivity	5 µmhos/cm	SMEWW 2510 B :2023; US EPA 120.1:1982



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41.	<b>Toys (Surface Coating, Substrate Materials)</b>	Soluble Test for Metals (Pb, Cd, Cr, As, Sb, Hg, Se, Ba) ICP-MS method	5 mg/kg (each element)	ASTM F963-2017 clauses 8.3.1 to 8.3.5, SOP-CHEM-015, Issue: 01/01:2017
42.	<b>Textile fabric, Garment, Leather</b>	Detection of Allergenic & Carcinogenic Dyes: Disperse Blue 1; Disperse Blue 102; Disperse Blue 106; Disperse Blue 124; Disperse Blue 26; Disperse Blue 35; Disperse Blue 3; Disperse Blue 7; Disperse Brown 1; Disperse Orange 1; Disperse Orange 11; Disperse Orange 149; Disperse Orange 3; Disperse Orange 37/76; Disperse Orange 61; Disperse Red 1; Disperse Red 11; Disperse Red 17; Basic Red 9; Basic Violet 14; Basic Violet 3; Disperse Yellow 1; Disperse Yellow 9; Disperse Yellow 3; Disperse Yellow 39; Disperse Yellow 49; Disperse Yellow 23; Solvent Yellow 1; Solvent Yellow 2; Solvent Yellow 3; Acid Red 26; Direct Red 28; Direct Black 38; Direct Blue 6; Direct Brown 95; Navy Blue; LC-MS/MS method	15 mg/kg (each compound)	DIN 54231:2022, SOP-CHEM-007; Issue: 01/01:2018 HSOP C012.TP I-7 2023

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43.	<b>Textile fabric, Garment, Leather</b>	Determination of Chlorinated Phenol (TriCP, TeCP & PCP) and O-Phenyl Phenol content GC-MS method	0.05 mg/kg (each compound)	ISO 17070:2015, EN 17134-2 (2022-11)** DIN 50009-2021** LFGB § 64 BVL B 82.02.8** DIN 50009-2021-1** SOP-CHEM-025, Issue: 01/02:2019 HSOP C035.TP I-4 2022
44.	<b>Textile &amp; accessories including print on textile or polymeric products (eg. plastic/ rubber)</b>	Determination of Polycyclic Aromatic Hydrocarbons (PAHs). Naphthalene; Acenaphthylene; Acenaphthene; Fluorene; Phenanthrene; Anthracene; Fluoranthene; Pyrene; 1-Methylpyrene; Cyclopenta(c,d)pyrene; Chrysene; 5-Methylchrysene; Benzo(a)anthracene Benzo(b)fluoranthene; Benzo(k)fluoranthene; Benzo (j)fluoranthene; Benzo(a)pyrene; Benzo(e)pyrene; Indeno(1,2,3-cd) pyrene; Dibenzo(a,h)anthracene; Benzo(g,h,i)perylene; Dibenzo[a,e]pyrene; Dibenz[a,h]pyrene; Dibenzo(a,i)pyrene; Dibenzo[a,l]pyrene. By GC-MS method	0.2 mg/kg (each compound)	AfPS GS 2019:01 PAK <b>ISO 16190:2021*</b> SOP-CHEM-029, Issue: 01:2018

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**VILAS 634**

**Lĩnh vực thử nghiệm: Cơ**

*Field of testing: Mechanical*

<b>TT</b>	<b>Tên sản phẩm, vật liệu được thử</b> <i>Materials or product tested</i>	<b>Tên phép thử cụ thể</b> <i>The name of specific tests</i>	<b>Giới hạn định lượng (nếu có)/ Phạm vi đo</b> <i>Limit of quantitation (if any)/range of measurement</i>	<b>Phương pháp thử</b> <i>Test method</i>
1.	<b>Fabric, Garments, Yarns, Threads</b>	Construction Test: Stitch Density, Weft Knit		BS 5441:1988+A1:2019 ASTM D3887-96 (2008) Section 12 AS 2001.2.6:2001 (R2016)
2.		Determination of Fabric Weight exclude oven. Dry method		ASTM D3776/D3776M-20 BS EN 1773:1997 BS EN 12127:1998 DIN EN 12127:1997 <b>EN 12127:1998 – 12*</b> AS 2001.2.13:1987 (R2016)
3.		Determination of Thread per Unit Length, Woven		ASTM D3775-2017e1 BS EN 1049-2:1994 ISO 7211-2:1984 (method A, B) AS 2001.2.5:1991 (R2016)
4.		Determination of Linear Density of Yarn Removed From Fabric		<b>ASTM D1059-17 (2022)*</b> ISO 7211-5:2020 BS ISO 7211-5:2020 AS 2001.2.23:1990 (R2016)
5.		Determination of Fabric Width		BS EN 1773:1997 ISO 22198:2006 ASTM D3774-2018 DIN EN 1773: 1997
6.	<b>Fabric, Garments, Footwear, Accessories such as Hat, Handkerchief</b>	Determination of Tearing Strength Elmendorf Tear Tester		<b>ASTM D1424-21*</b> BS EN ISO 13937-1: 2000 ISO 13937-1: 2000/ Cor 1: 2004 DIN EN ISO 13937-1: 2000 <b>NF EN ISO 13937-1:2000*</b> AS 2001.2.8: 2001 (R2016)
7.		Determination of Tearing Strength (Single Rip)		ASTM D2261-13(2017)e1 ISO 13937-2 (2000) <b>NF EN ISO 13937-2:2000*</b>
8.		Determination of Tearing Strength (Trapezoid)		ASTM D5587-15(R2019)

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<b>TT</b>	<b>Tên sản phẩm, vật liệu được thử</b> <i>Materials or product tested</i>	<b>Tên phép thử cụ thể</b> <i>The name of specific tests</i>	<b>Giới hạn định lượng (nếu có)/ Phạm vi đo</b> <i>Limit of quantitation (if any)/range of measurement</i>	<b>Phương pháp thử</b> <i>Test method</i>
9.	<b>Fabric, Garments, Footwear, Accessories such as Hat, Handkerchief</b>	Determination of Tensile Strength and Elongation Grab Method		<b>ASTM D5034-21*</b> BS EN ISO 13934-2:2014 ISO 13934-2:2014 DIN EN ISO 13934-2:2014
10.		Determination of Tensile Strength and Elongation Strip Method		BS EN ISO 13934-1:2013 ISO 13934-1:2013 DIN EN ISO 13934-1:2013 ASTM D5035-11(R2019) AS 2001.2.3.2:2001 (R2016)
11.		Determination of Bursting Strength by Diaphragm Bursting Method.		<b>ASTM D3786/D3786M- 18 (2023)*</b> BS EN ISO 13938-1: 2019 ISO 13938-1:2019 DIN EN ISO 13938-1: 2019 <b>NF EN ISO 13938-1:2019</b> AS 2001.2.4:1990 (2016)
12.		Determination of Bursting Strength by Diaphragm Bursting Method.		DIN EN ISO 13938-2: 2020 BS EN ISO 13938-2: 2019 ISO 13938-2:2019
13.		Leather: Determination of Distension and strength surface (Ball Burst Method)		ISO 3379:2015 ASTM 6797-15
14.		Determination of Seam Strength		<b>ASTM D1683 / D1683M- 17(R2018) – 22*</b> BS EN ISO 13935-1: 2014 BS EN ISO 13935-2: 2014 ISO 13935-1:2014 ISO 13935-2:2014 DIN EN ISO 13935-1: 2014 DIN EN ISO 13935-2: 2014 AS 2001.2.20: 2004(R2016)
15.		Determination of Pocket Attachment Strength		AATCC TS-010

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<b>TT</b>	<b>Tên sản phẩm, vật liệu được thử</b> <i>Materials or product tested</i>	<b>Tên phép thử cụ thể</b> <i>The name of specific tests</i>	<b>Giới hạn định lượng (nếu có)/ Phạm vi đo</b> <i>Limit of quantitation (if any)/range of measurement</i>	<b>Phương pháp thử</b> <i>Test method</i>
16.		Determination of Seam Slippage		BS EN ISO 13936-1,2: 2004 ISO 13936-1,2: 2004 DIN EN ISO 13936-1,2: 2004 <b>NF EN ISO 13936-1,2: 2004*</b> AS 2001.2.21:1989 (R2016) AS 2001.2.22:2006 (R2016)
17.		Determination of Seam Stretchability		<b>ASTM D1683-17(R2018) – 22*</b> AATCC TS-015
18.	<b>Small Parts Articles such as buttons, bow, zipper</b>	Determination of Mechanical Safety		BS 7907 :2017 PD CEN/TR 16792 :2014
19.		Sharp Edge Test		BS EN 71-1:2014+A1:2018 Section 8 clause 8.11 16 CFR Part 1500.49 ASTM F963-17 clause 4.7
20.		Sharp Point Test		BS EN 71-1:2014+A1:2018 Section 8 clause 8.12 16 CFR Part 1500.48 ASTM F963-17 clause 4.9
21.		Determination of Small Part		BS EN 71-1:2014+A1:2018 Section 8 clause 8.2 16 CFR Part 1501 ASTM F963-17 clause 4.6
22.		Impact Test		BS EN 71-1:2014+A1:2018 Section 8 clause 8.7 ASTM F963-17 clause 8.7 16 CFR Part 1500.50, 51(b), 52(b), 53(b)
23.		Determination of Flexure		BS EN 71-1:2014+A1:2018 Section 8 clause 8.13 ASTM F963-17 clause 8.12 16 CFR Part 1500.50, 51(d), 52(d), 53(d)

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<b>TT</b>	<b>Tên sản phẩm, vật liệu được thử</b> <i>Materials or product tested</i>	<b>Tên phép thử cụ thể</b> <i>The name of specific tests</i>	<b>Giới hạn định lượng (nếu có)/ Phạm vi đo</b> <i>Limit of quantitation (if any)/range of measurement</i>	<b>Phương pháp thử</b> <i>Test method</i>
24.	<b>Small Parts Articles such as buttons, bow, zipper</b>	Torque Test		BS EN 71-1:2014+A1:2018 Section 8 clause 8.3 ASTM F963-17 clause 8.8 16 CFR Part 1500.50, 51(e), 52(e), 53(e)
25.		Tension test		BS EN 71-1:2014+A1:2018 Section 8 clause 8.4 ASTM F963-17 Part 8.9 16 CFR Part 1500.50, 51(f), 52(f), 53(f)
26.		Compression Test		BS EN 71-1:2014+A1:2018 Section 8 clause 8.8 ASTM F963-17 clause 8.10 16 CFR Part 1500.50, 51(g), 52(g), 53(g)
27.	<b>Garments</b>	Determination of Drawstrings on Children's Upper Outerwear		ASTM F1816-18
28.	<b>Snaps</b>	Determination of Attachment Strength		<b>ASTM D 7142-05(2021)*</b>
29.		Determination of Snapping/Unsnapping		<b>ASTM D 4846-96 (2021)*</b>
30.	<b>Fabric, Garments, Footwear, Accessories such as Hat, Handkerchief</b>	Determination of Dimensional Stability to Washing		AATCC TM135 : 2018t AATCC Laboratory Procedure 2 : 2020 BS EN ISO 6330 : 2012 ISO 6330: 2021 BS EN ISO 5077 : 2008 ISO 5077 : 2007 BS EN ISO 3759 : 2011 ISO 3759 : 2011 DIN EN ISO 5077 : 2008 DIN EN ISO 6330 : 2013 DIN EN ISO 3759 : 2011 <b>NF EN ISO 5077 : 2008*</b> <b>NF EN ISO 6330 : 2021*</b> AATCC TS006 BS EN 139: 2005 +A1: 2011 BS EN 5077: 2008 AS 2001.5.4:2005 (R2016)

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<b>TT</b>	<b>Tên sản phẩm, vật liệu được thử</b> <i>Materials or product tested</i>	<b>Tên phép thử cụ thể</b> <i>The name of specific tests</i>	<b>Giới hạn định lượng (nếu có)/ Phạm vi đo</b> <i>Limit of quantitation (if any)/range of measurement</i>	<b>Phương pháp thử</b> <i>Test method</i>
31.		Determination of Fiber Fragment Release During Home Laundering		AATCC TM212-2021 <b>TMC Method V1.1: 2021**</b> <b>ISO 4484-1:2023**</b>
32.		Determination of Dimensional Stability to Commercial Drycleaning		AATCC TM158-1978e10(2016)e AS 2001.5.7:1986 (R2016) ISO 3175-2 : 2017 BS EN ISO 3175-2 : 2018 BS EN ISO 3759 : 2011 ISO 3759 : 2011 BS EN ISO 5077 : 2008 ISO 5077 : 2007
33.	<b>Fabric Garments, Footwear, Accessories such as Hat, Handkerchief</b>	Determination of Appearance After Washing/ Colorfastness to Home Laundering		AATCC TS 008 BS EN ISO 15487:2018 ISO 15487: 2018 <b>NF EN ISO 15487:2018</b>
34.		Determination of Appearance After Commercial Drycleaning		AATCC R03 ISO 3175-1: 2017 BS EN ISO 3175-1:2018
35.		Determination of Spirality		AATCC TM179-2019 ISO 16322-1:2005 ISO 16322-2 :2021 ISO 16322-3 :2021 AATCC TS 004
36.		Determination of Print Durability (Durawash)		BS EN ISO 105- A01:2010 BS EN 20105-A02:1995 BS EN 20105-A03:1995 BS EN ISO 6330:2012
37.		Test method for assessing the smoothness appearance of fabrics after cleansing		AATCC TM124-2018t BS EN 20105-A02: 1995 ISO 105-A02: 1993 BS EN 20105- A03: 1995 ISO 105-A03 : 2019 ISO 7768:2009

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<b>TT</b>	<b>Tên sản phẩm, vật liệu được thử</b> <i>Materials or product tested</i>	<b>Tên phép thử cụ thể</b> <i>The name of specific tests</i>	<b>Giới hạn định lượng (nếu có)/ Phạm vi đo</b> <i>Limit of quantitation (if any)/range of measurement</i>	<b>Phương pháp thử</b> <i>Test method</i>
38.		Test method for assessing the appearance of creases in fabrics after cleansing		AATCC TM88C-2018t ISO 7769: 2009
39.		Test method for assessing Smoothness of Seams in Fabrics After Repeated Home Laundering		AATCC TM88B-2018t ISO 7770: 2009
40.		Determination of resistance to surface wetting Spray Test		BS EN ISO 4920:2012 AATCC TM22-2017e ISO 4920 : 2012
41.	<b>Garments</b>	Determination of Appearance of Apparel and Other Textile End Products after Repeated Home Laundering		AATCC TM143-2018t
42.		Determination of Seam Twist in Garments Before and After Home Laundering		AATCC TM207-2019
43.		Determination of Garment Dimensional Stability		AATCC TM150-2018t
44.	<b>Fabric, Garments, Footwear, Accessories such as Hat, Handkerchief</b>	Determination of Water Resistance Rain test		AATCC TM35-2018e2 ISO 22958 : 2021
45.		Determination of Pilling Resistance Random Tumbler Tester		ASTM D3512/D 3512M-16
46.		Determination of Pilling Resistance Pilling Box method		BS EN ISO 12945-1 : 2020 ISO 12945-1:2020 DIN EN ISO 12945-1 : 2021 <b>NF EN ISO 12945-1,4: 2020*</b>
47.		Determination of Pilling Resistance Modified Martindale method		ISO 12945-2: 2020 <b>NF EN ISO 12945-2:2020*</b> <b>ASTM D4970/D4970M – 16°3*</b>
48.		Determination of Pilling Resistance (Elastomeric Pad)		ASTM D 3514/3514 M – 16(2020)



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<b>TT</b>	<b>Tên sản phẩm, vật liệu được thử</b> <i>Materials or product tested</i>	<b>Tên phép thử cụ thể</b> <i>The name of specific tests</i>	<b>Giới hạn định lượng (nếu có)/ Phạm vi đo</b> <i>Limit of quantitation (if any)/range of measurement</i>	<b>Phương pháp thử</b> <i>Test method</i>
49.	<b>Fabric, Garments, Footwear, Accessories such as Hat, Handkerchief</b>	Determination of Abrasion Resistance Martindale Abrasion Tester Method		BS EN ISO 12947-2 : 2016 BS EN ISO 12947-1,3 & 4 : 1999 ISO 12947 :1998, Cor1 2002 Part 1, 2, 3 BS EN 13770: 2002 DIN EN ISO 12947 :2007 Part 1,3,4 DIN EN ISO 12947 :2017 Part 2 <b>NF EN ISO 12947-Part 1,2,3,4: 1999*</b> <b>ASTM D 4966: 2012 (2022)*</b> ASTM D 3885/D 3885-07a (R2019)
50.		Determination of Odour		SNV 195651:2015
51.	<b>Fabric, Garments</b>	Determination of elasticity, stretch		BS EN 14704-1:2005 BS EN 14704-3:2006 BS 4952 : 92(2002) <b>BS EN ISO 20932-1:2020+A1 :2021*</b> <b>NF EN ISO 20932-1,3:2020*</b> BS EN ISO 20932-1:2020 ASTM D3107-07(2019) ASTM D2594-20 ASTM D4964-96(2020)
52.		Determination of Vertical Wicking		<b>AATCC TM197-2022*</b> BS 3424-18 : 1986 (2011) GSL-IHTM 017 : 2021
53.		Determination of Absorbency of Textiles		AATCC TM79-2010e2(2018)e2*
54.		Determination of Ageing of Sulfur-Dyed Textiles: Accelerated		AATCC TM26-2020
55.		Determination of Wrinkle Recovery of Fabrics		<b>ISO 9867:2022*</b>

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<b>TT</b>	<b>Tên sản phẩm, vật liệu được thử</b> <i>Materials or product tested</i>	<b>Tên phép thử cụ thể</b> <i>The name of specific tests</i>	<b>Giới hạn định lượng (nếu có)/ Phạm vi đo</b> <i>Limit of quantitation (if any)/range of measurement</i>	<b>Phương pháp thử</b> <i>Test method</i>
56.	<b>Zipper</b>	Strength Test		<b>ASTM D2061-07(R2021)*</b> BS 3084: 2006 (R2017) BS EN 16732 :2015
57.	<b>Fabrics</b>	Determination of Bow, Skew and Lengthway distortion		BS 2819:1990 +A2: 2016 ASTM D3882-08 (2020)
58.		Determination of Wrinkle Recovery of Woven Fabrics: Recovery Angle		AATCC TM66-2017e AATCC TM128-2017e
59.	<b>Clothing, Textiles, Footwear, Children's Sleepwear</b>	Flammability Test – 45 Degree Angle Test		<b>ASTM D1230-2022a*</b> 16 CFR 1610: 2008 <b>CAN/CGSB-4.2 No. 27.5: 2023*</b>
60.		Determination of Vertical Flammability		16 CFR 1615/1616
61.	<b>Fabric, Garments, Footwear, Accessories such as Hat, Handkerchief</b>	Determination of Colorfastness to Burnt Gas fumes		AATCC TM23-2015 <sup>e</sup> (2020) BS EN ISO 105-G02 :1997 ISO 105-G02 :1993 Cor1:1995; Cor2: 2009 <b>NF EN ISO 105-G02:2017*</b>
62.		Determination of Colorfastness to Ozone		AATCC TM109- 2011(2016)e BS EN ISO 105-G03:1997 ISO 105-G03:1993
63.		Determination of Colorfastness to Saliva		GB/T 18886-2019 Section 35 LMBG 82.10 (2011-12) DIN 53160-2010
64.	<b>Fabric, Garments, Footwear, Accessories such as Hat, Handkerchief</b>	Determination of Colorfastness to Water		<b>AATCC TM107-2022*</b> BS EN ISO 105-E01: 2013 ISO 105-E01: 2013 DIN EN ISO 105-E01: 2013 <b>NF EN ISO 105-E01: 2013*</b> GB/T 5713-2013 AS 2001.4 E01:2001 (R2016)

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<b>TT</b>	<b>Tên sản phẩm, vật liệu được thử</b> <i>Materials or product tested</i>	<b>Tên phép thử cụ thể</b> <i>The name of specific tests</i>	<b>Giới hạn định lượng (nếu có)/ Phạm vi đo</b> <i>Limit of quantitation (if any)/range of measurement</i>	<b>Phương pháp thử</b> <i>Test method</i>
65.	<b>Fabric Garments, Footwear, Accessories such as Hat, Handkerchief</b>	Determination of Colorfastness to Light		AATCC TM16.3-2020 BS EN ISO 105-B02 : 2014 Method II ISO 105-B02: 2014 DIN EN ISO 105-B02 : 2014 <b>NF EN ISO 105-B02:2014*</b> AS 2001.4 B02:2001 (R2016)
66.		Determination of Colorfastness to Water Spotting		ISO 105-E07: 2010 BS EN ISO 105-E07: 2010 BS EN ISO 15700:1999 DIN EN ISO 105-E07: 2010 AATCC TM104- 2010(2014)e2
67.		Determination of Colorfastness to Seawater		BS EN ISO 105-E02 : 2013 ISO 105-E02: 2013 DIN EN ISO 105-E02: 2013 <b>NF EN ISO 105-E02:2013*</b> AATCC TM106- 2009e(2013)e3 AS 2001.4 E02:2001 (R2016)
68.		Determination of Colorfastness to Perspiration		BS EN ISO 105-E04 : 2013 ISO 105-E04:2013 DIN EN ISO 105-E04: 2013 <b>AATCC TM15-2021e*</b> AS 2001.4 E04:2005 (R2016) GB/T 3922:2013
69.		Determination of Colorfastness to Perspiration and Light		AATCC TM125- 2013e2(2020)
70.	Determination of Colorfastness to Rubbing/Crocking (Vertical)		<b>AATCC TM8-2016e (2022)e*</b> BS EN ISO 105-X12: 2016 ISO 105-X12: 2016 DIN EN ISO 105-X12: 2016 AS 2001.4.3:1995 (R2016) GB/T 3920-2008 BS EN ISO 11640:2018	

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71.		Determination of Colorfastness to Rubbing/Crocking (Rotary)		<b>AATCC TM116-2018e(2022)e*</b> BS EN 105-X16: 2016 ISO 105-X16:2016
72.		Determination of Colorfastness to Perspiration Rubbing		QB/T 2882:2007 ISO 11640:2018
73.		Determination of Colorfastness to Chlorinated Pool		AATCC TM162-2011e2 BS EN ISO 105-E03: 2010 DIN EN ISO 105-E03: 2010 <b>NF EN ISO 105-E03:2010*</b> ISO 105-E03: 2010 AS/NZS 2001.4.5:1998 (R2016)
74.	<b>Fabric Garments, Footwear, Accessories such as Hat, Handkerchief</b>	Determination of Chlorine and Non Chlorine Test (Quick Method)		AATCC TS-001
75.		Determination of Colorfastness to Powdered Non chlorine Bleach in Home laundering		AATCC TM172-2010e(2016)e2
76.		Determination of Colorfastness to Bleaching Hypochlorite (Chlorine Bleach)		ISO 105 N01:1993
77.		Determination of Colorfastness to Bleaching Peroxide (Non-Chlorine Bleach)		ISO 105 N02:1995
78.		Determination of Colorfastness to Washing Full Temperature Range		AATCC TM61-2013e(2020) BS EN 20105 C10 : 1993 BS EN ISO 105-C10 : 2007 ISO 105-C10 : 2006 (R2020) DIN EN ISO 105-C10 : 2007 DIN EN ISO 105-C08:2010 DIN EN ISO 105-C06:2010 BS EN ISO 105-C06 : 2010 ISO 105-C06 :2010 AS 2001.4.15 :2006 (R2016)
79.		Determination of Colorfastness to Dry Cleaning		AATCC TM132-2004e3(2013)e3 ISO 105 D01 : 2010 BS EN ISO 105 D01 : 2010 ISO 105 D01 : 2010

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80.	<b>Fabric, Garments, Footwear, Accessories such as Hat, Handkerchief</b>	Determination of Phenolic Yellowing Courtalds Method		BS EN ISO 105-X18: 2007 DIN EN ISO 105 X 18:2007 <b>NF EN ISO 105-X18:2007*</b>
81.		Determination of Colorfastness to Dye Transfer		AATCC TM163- 2013(2020)e2
82.	<b>Footwear</b>	Determination of Toe Post Attachment Strength		<b>SATRA TM 118:2022*</b>
83.		Determination of Strap to Sole Attachment Strength		SATRA TM 120:2001
84.		Determination of Seam Strength		BS 5131 5.13: 1980 <b>SATRA TM 180:2016*</b>
85.		Determination of Sole bonds		<b>SATRA TM 411:2023*</b> <b>ISO 17708:2018</b>
86.		Determination of Heel attachment		<b>SATRA TM 113: 1996(2022)*</b> BS EN 12785:2000 ASTM F2232-14(2020) ISO 22650:2018
87.		Determination of Top Piece attachment		SATRA TM 108:1992 SATRA TM 401:2000 ISO 19958:2004 BS 5131 5.9: 1979
88.		Determination of Trim Attachment		SATRA TM 117:1992 BS 5131 5.11: 1981
89.		Determination of Buckle attachment		SATRA TM 181:2017 SATRA TM 141:1994 SATRA TM 151:1999 BS 5131 5.11: 1981
90.		Determination of eyelet attachment (Facing)		SATRA TM 149:1999
91.		Determination of Eyelet attachment		SATRA TM 150:1999
92.	Determination of Abrasion Resistance (Martindale)		SATRA TM 31:2014	
93.	<b>Footwear</b>	Determination of Peel Strength (Submitted State)		SATRA TM 123: 2018
94.		Determination of Tear Strength		SATRA TM 30:2017
95.		Determination of Tensile Strength and % Elongation		ISO 3376:2011

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<b>TT</b>	<b>Tên sản phẩm, vật liệu được thử</b> <i>Materials or product tested</i>	<b>Tên phép thử cụ thể</b> <i>The name of specific tests</i>	<b>Giới hạn định lượng (nếu có)/ Phạm vi đo</b> <i>Limit of quantitation (if any)/range of measurement</i>	<b>Phương pháp thử</b> <i>Test method</i>
96.		Determination of Breaking Load		SATRA TM 94:2018
97.		Determination of Ageing Condition		ISO 20870:2017
98.		Determination of Colourfastness to Water & Perspiration		SATRA TM 335:2018
99.	<b>Paper/ Carton</b>	Determination of Edgewise compressive strength of corrugated fiberboard (short column test)		TAPPI T 811 om-17
100.		Determination of Bursting Strength of Corrugated Board		<b>TAPPI T 810 om-22*</b>
101.	<b>Metal Trims/ Components (buttons, zippers, rivets)</b>	Determination of Salt Spray Corrosion		ASTM D2059-03 (2022) ASTM B117-19
102.	<b>Fabric, Garments</b>	Fiber Analysis-qualitative		AATCC TM20-2021
103.		Fiber Analysis-quantitative	Up to 100%	AATCC TM20A-2021 BS 4407: 1988 ISO 1833-2020 (Part 1-3,12,18) ISO 1833-2019 (Part 9,10,13,14,15,16,17,19,21) BS EN ISO 1833 : 2020 (Part 1,2,8,17) BS EN ISO 1833:2011 (Part 24) BS EN ISO 1833 : 2020 (Part 25,26) BS EN ISO 1833 : 2020 (Part 3,12,18,21,28) 73/44/EEC and 96/73/EC Amd 2008/121/EC (Regulation (EU) No. 1007/ 2011) AS 2001.7:2005

Note:

- ISO: International Organization for Standardization
- AATCC: American Association of Textile Chemists and Colorists
- CAN/CGSB: Canadian General Standards Board
- GB/T: Guo Biao Test (China Standards)
- SOP-CHEM, SOP-TEXT, IHTM- Laboratory developed method
- AS: Australian standard

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- ASTM: American Society for Testing and Materials
- BS EN: British Standards European Standardization
- DIN: Deutsches Institut für Normung
- SATRA TM: SATRA Testing Methods (United Kingdom)
- TAPPI: Technical Association of the Pulp and Paper Industry

\* : update method (from January 2024)

\*\* : extend method (from January 2024)

