REPUBLIC OF BULGARIA
Executive agency
Bulgarian accreditation service

Signatory to the EA Multilateral Agreement in this field

ORDER

№ A 251

Sofia, 30.07.2026

Pursuant to Art. 10, para. 1, items 3 and 4, Art. 28, para. 1, Art. 30, para. of the Law on National Accreditation of Conformity Assessment Bodies, items 6 and 7 of the BAS QR 2 Accreditation Procedure in connection with an open procedure reg. № 254/141 ЛИ/ПА/РО/30.10.2025, assessment report reg. № 254/141 ЛИ/4/В/14.05.2026, annex reg. № 254/141 ЛИ/10/В/30.06.2026 and statement of the Accreditation Commission reg. № 254/141 ЛИ/ПА/РО/12/В/15.07.2026, I hereby

RE-ACCREDIT AND EXTEND THE SCOPE OF ACCREDITATION

UNIVERSITY OF CHEMICAL TECHNOLOGY AND METALLURGY
TESTING LABORATORY FOR TEXTILES AND DYES

Management and laboratory address:
1797, Sofia, Darvenitsa, 8 Kliment Ohridski Blvd.

To perform testing of:

Type of the scope: *flexible for a part of the scope*			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
1.	TEXTILE MATERIALS MADE FROM NATURAL, ARTIFICIAL, SYNTHETIC FIBRES AND THEIR BLENDS, AND ARTICLES MADE THEREFROM FOR HOUSEHOLD, INDUSTRIAL AND CLOTHING PURPOSES – PHYSICAL-MECHANICAL AND PHYSICAL-CHEMICAL TESTS		
	Woven fabrics (1), Knitted fabrics (2), Non-woven textile materials (3), Threaded textile materials (fibres, yarns, silk, threads, ropes, cords, ties) (4), Passementerie textile products. Safety of clothing for children, ties and cords (5)	1.1 Quantitative composition*, %	
		two– component fibre mixtures of:	Annex № 5 to Article 26 of the OLNTP** Methods for separating binary fibre mixtures: Regulation (EU) № 1007/2011, Annexes VIII, Chapter 2; БДС EN ISO 1833-1 (1), (2), (3), (4), (5)
		acetate/some other fibers	Annex № 5 to Article 26 of the Ordinance on the Naming and Labeling of Textile Products** Methods for separating binary fibre mixtures: Method № 1 (using acetone) Regulation (EU) № 1007/2011 – Method № 1 (using acetone); БДС EN ISO 1833-3 (1), (2),

Type of the scope: *flexible for a part of the scope*			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
			(3), (4), (5)
		some protein/ some other fibres	Annex № 5 to Article 26 of the Ordinance on the Naming and Labeling of Textile Products** Methods for separating binary fibre mixtures: Method № 2 (using hypochlorite) Regulation (EU) № 1007/2011 – Method № 2 (using hypochlorite); БДС EN ISO 1833-4 (1), (2), (3), (4), (5)
		viscose, cupro, some modal/some other fibres	Annex № 5 to Article 26 of the Ordinance on the Naming and Labeling of Textile Products** Methods for separating binary fibre mixtures: Method № 3 (with formic acid and zinc chloride) Regulation (EU) № 1007/2011 – Method № 3 (using formic acid and zinc chloride); БДС EN ISO 1833-6 (1), (2), (3), (4), (5)
		polyamide or nylon/ some other fibres	Annex № 5 to Article 26 of the Ordinance on the Naming and Labeling of Textile Products** Methods for separating binary fibre mixtures: Method № 4 (using formic acid) Regulation (EU) № 1007/2011 – Method № 4 (using formic acid); БДС EN ISO 1833-7 (1), (2), (3), (4), (5)
		acetate/some other fibers	Annex № 5 to Article 26 of the Ordinance on the Naming and Labeling of Textile Products** Methods for separating binary fibre mixtures: Method № 5 (using benzyl alcohol) Regulation (EU) № 1007/2011 – Method № 5 (using benzyl alcohol); БДС EN ISO 1833-1:9 (1), (2), (3), (4), (5);
		triacetate or polylactide/ some other fibres	Annex № 5 to Article 26 of the Ordinance on the Naming and

Type of the scope: *flexible for a part of the scope*			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
			Labeling of Textile Products** Methods for separating binary fibre mixtures: Method № 6 (using dichloromethane) Regulation (EU) № 1007/2011 - Method № 6 (using dichloromethane); БДС EN ISO 1833-10 (1), (2), (3), (4), (5)
		certain cellulose fibres/certain other fibres	Annex № 5 to Article 26 of the Ordinance on the Naming and Labeling of Textile Products** Methods for separating binary fibre mixtures: Method № 7 (using sulphuric acid) Regulation (EU) № 1007/2011 - Method № 7 (using sulphuric acid); БДС EN ISO 1833-11 (1), (2), (3), (4), (5)
		acrylics, some modacrylics, some chlorofibres/some other fibres	Annex № 5 to Article 26 of the Ordinance on the Naming and Labeling of Textile Products** Methods for separating binary fibre mixtures: Method № 8 (using dimethylformamide) Regulation (EU) № 1007/2011 - Method № 8 (using dimethylformamide); БДС EN ISO 1833-12 (1), (2), (3), (4), (5)
		some chlorofibres/some other fibres	Annex № 5 to Article 26 of the Ordinance on the Naming and Labeling of Textile Products** Methods for separating binary fibre mixtures: Method № 9 (using carbon disulphide/acetone) Regulation (EU) № 1007/2011 - Method № 9 (using carbon dioxide and sulphide/ acetone); БДС EN ISO 1833-13 (1), (2), (3), (4), (5)
		acetate/some other fibers	Annex № 5 to Article 26 of the Ordinance on the Naming and Labeling of Textile Products**

Type of the scope: *flexible for a part of the scope*			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
			Methods for separating binary fibre mixtures: Method № 10 (using acetic acid) Regulation (EU) № 1007/2011 – Method № 10 (using acetic acid); БДС EN ISO 1833-14 (1), (2), (3), (4), (5)
		silk/wool or animal hair or elastolefin	Annex № 5 to Article 26 of the Ordinance on the Naming and Labeling of Textile Products** Methods for separating binary fibre mixtures: Method № 11 (using sulphuric acid) Regulation (EU) № 1007/2011 – Method № 11 (using sulphuric acid); БДС EN ISO 1833-18 (1), (2), (3), (4), (5)
		polypropylene/some other fibres	Annex № 5 to Article 26 of the Ordinance on the Naming and Labeling of Textile Products** Methods for separating binary fibre mixtures: Method # 13 (with xylene) Regulation (EU) № 1007/2011 – Method № 13 (with xylene); БДС EN ISO 1833-16 (1), (2), (3), (4), (5)
		chlorofibres/certain other fibres	Annex № 5 to Article 26 of the Ordinance on the Naming and Labeling of Textile Products** Methods for separating binary fibre mixtures: Method № 14 (using concentrated sulphuric acid) Regulation (EU) № 1007/2011 – Method № 14 (using concentrated sulphuric acid); БДС EN ISO 1833-17 (1), (2), (3), (4), (5)
		- elastane/other fibres	БДС EN ISO 1833-20 (with dimethylacetamide) (1), (2), (3), (4), (5)
		- manual separation of different types of fibres in two-component fibre blends	Annex № 5 to Article 26 of the Ordinance on the Naming and Labeling of Textile Products**

Type of the scope: *flexible for a part of the scope*			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
			Methods for separating binary fibre mixtures: Regulation (EU) № 1007/2011, Annexes VIII, Chapter 2) БДС EN ISO 1833-1 (1), (2), (3), (4), (5)
		three-component fibre mixtures	Annex 6 to Article 26 of the OLNTP** – methods based on Annex 5 to Article 26 of Regulation (EU) № 1007/2011 - method: Annex VIII, Chapter 3; methods based on Annex VIII, Chapter 2; БДС EN ISO 1833-2 (1), (2), (3), (4), (5)
		manual separation of different types of fibres in three-component fibre blends	Annex 6 to Article 26 of the OLNTP** – methods based on Annex 5 to Article 26 of Regulation (EU) № 1007/2011 - method: Annex VIII, Chapter 3; methods based on Annex VIII, Chapter 2; БДС EN ISO 1833 (1), (2), (3), (4), (5)
		1.1.1 Qualitative composition. Determination of fibre type in single-component, two-component and three-component fibre mixtures	CEN ISO/TR 11827, cl. 7.1.1 (Annex B), cl. 7.2.1 (Annex A) (1), (2), (3), (4), (5)
		1.2 Hygroscopicity (moisture absorption), %	БДС 12006 (1), (2), (3), (4), (5)
		1.3 Hygroscopicity (moisture release), %	
		1.4 PH of aqueous extract, pH units	БДС EN ISO 3071 (1), (2), (3), (4), (5)
		1.5. Free and hydrolyzed formaldehyde, mg/kg	БДС EN ISO 14184-1 (1), (2), (3), (4), (5)
		1.6 Dimensions of washing and drying, %	БДС EN ISO 3759 (1), (2), (3), (4), (5); БДС EN ISO 5077 (1), (2), (3), (4), (5); БДС EN ISO 6330 (1), (2), (3), (4), (5)
		1.7 Change in wetting in cold water and drying, %	БДС EN ISO 3759 (1), (2), (3), (4), (5); БДС EN ISO 5077 (1), (2), (3),

Type of the scope: *flexible for a part of the scope*			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
			(4), (5); БДС ISO 7771 (1), (2), (3), (4),
		1.8 Size change in dry cleaning, %	БДС EN ISO 3759 (1), (2); БДС EN ISO 3175-2 (1), (2)
		1.9 Resizing after wet treatment and ironing, %	БДС 9425 (1), (2), (3)
		1.10 Maximum tensile strength of the seam– Strip method, N	БДС EN ISO 13935-1 (1), (2), (3)
		1.11 Width and length, m	БДС EN 1773 (1), (2), (3)
		1.12 Mass per unit area (area mass), g/m^2	БДС EN 12127 (1), (2), (3); БДС EN ISO 9073-1 (3)
		1.13 Oil repellency, degree	БДС EN ISO 14419 (1)
		1.14 Shot-hole penetration strength, N 1.15 Relative linear deformation during penetration, % 1.16 Relative surface deformation during drilling, %	БДС EN 9585 (1), (2)
		1.17 Tensile strength, N 1.18 Elongation at break, %	БДС EN ISO 13934-1 (1)
		1.19 Capillarity, mm	БДС 10298 (1)
		1.20 Threads per unit length, area, number/st; number/10st; number/st^2; issue/10p^2	БДС EN ISO 7211-2 (1)
		1.21 Tearing force (trouser pattern), N	БДС EN ISO 13937-2 (1)
		1.22 Resistance to water penetration, cm H_2O pole	БДС EN ISO 811 (1)
		1.23 Resistance to surface wetting of tissues, degree	БДС EN ISO 4920 (1)
		1.24 Acid resistance, %	БДС 11665 (1);
		1.25 Alkaline resistance, %	
		1.26 Acid permeability, cm^3/s	
		1.27 Alkaline permeability, cm^3/s	БДС 11665 (1)
		1.28 Behaviour during combustion.	
		- Ignition/combustion time (surface or bottom), s	БДС EN 1625 (1), (2), (3), (4); БДС EN ISO 6940 (1), (2), (3)
		- time of sustainable combustion, s	
		- ignition/flaming time, s	БДС EN 1103 (1), (2); БДС EN ISO 6941, Section 10.1 (1), (2); БДС EN ISO 6941, Section 10.2
		- time to break of the first marker thread, s	
		- time to break of the second	

Type of the scope: *flexible for a part of the scope*			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
		marker thread, s	(3)
		- time to break of the third marker thread, s	
		1.29 Limited flame spread (surface and lower ignition)	БДС EN ISO 15025 (1)
		- fire propagation /reaching the upper or vertical end of the specimen/	
		- flammable and molten particles	
		- residual incandescence time, s	
		- hole formation, mm	
		- flame persistence time, s	
		1.30 Protective clothing with high visibility for professional use	БДС EN ISO 20471 (1), (2)
		- brightness factor (β)	
		- photometric characteristics of the background material	
		-area of retroreflective materials, m^2	
		1.31 Garment size specifications, cm	БДС EN ISO 8559-1 (1), (2); БДС EN ISO 8559-2 (1), (2); БДС EN 13402-3 (1), (2)
		1.32 Martindale fabric abrasion resistance – pattern destruction, number of cycles	БДС EN ISO 12947-2 (1), (2), (3)
		1.33 Rubbing resistance of fabrics by Martindale method – mass loss reduction, %	БДС EN ISO 12947-3 (1), (2), (3)
		1.34 Wear resistance of fabrics by Martindale method – change in appearance, number of cycles	БДС EN ISO 12947-4 (1), (2), (3)
		1.35 The tendency of the surface of the fabric to become wet and peeling by the Martindale method, degree	БДС EN ISO 12945-2 (1), (2), (3)
		1.36 Braids, number of weaves	БДС 12674 (1)
		1.37 Safe sizes of lugs and cords for children, mm	БДС EN 14682 (1), (2), (5)
		1.38 Air velocity, m/s	БДС EN ISO 9237 (1), (2), (3)
		1.39 Determining the number of stitches of a certain length, number/cm	БДС EN 14971 (2)
		1.40 Determining the number of stitches per unit area, number/st^2	
		1.41 Tensile strength of the stitch	БДС 13307 (2)

Type of the scope: *flexible for a part of the scope*			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
		in a direction perpendicular to the stitch, N	
		1.42 Stitch tear strength in the seam direction, N	
		1.43 Tensile fracture elongation in the seam direction, %	
		1.44 Stitch density, number/5 cm	
		1.45 Seam width, mm	
		1.46 Change in dimensions after wetting, %	БДС 13180 (2)
		1.47 Degree of elasticity, %	
		1.48 Mass of a pair of socks, g	БДС 5512 (2)
		1.49 Tensile strength, N	БДС EN ISO 9073-3 (3)
		1.50 Tensile elongation, %	
		1.51 Direction of the yarn ends	БДС 17281 (4)
		1.52 Thread count, twists per inch; twists per metre	БДС EN ISO 2061 (4)
		1.53 Linear density (mass per unit length), tex	БДС EN ISO 2060 (4)
		1.54 Tensile strength, cN	БДС EN ISO 2062 (4)
		1.55 Specific tear strength, cN/tex	
		1.56 Elongation at break, %	
		1.57 Shrinkage when soaked in water, %	БДС 8985 (4)
		1.58 Linear mass, g/m	БДС 12315 (5)
		1.59 Tensile strength, daN	
		1.60 Elongation, %	
		1.61 Resistance to delamination during repeated washing and drying, visual assessment, mm	БДС EN ISO 6330 (1), (2), (3); VLM 01:2022 (1), (2)
2.	TEXTILE MATERIALS MADE FROM NATURAL, ARTIFICIAL, SYNTHETIC FIBRES AND THEIR BLENDS, AND ARTICLES MADE THEREFROM FOR HOUSEHOLD, INDUSTRIAL AND CLOTHING PURPOSES – COLOURFASTNESS. CHANGE IN THE COLOUR OF THE TEST SPECIMEN AND THE ACCOMPANYING FABRICS		
	Woven fabrics (1), Knitted fabrics (2), Non-woven textile materials (3), Threaded textile materials /fibres, yarns, silk, threads, ropes,	2.1 Artificial light xenon arc lamp, ball blue rock	БДС EN ISO 105-B02 (1), (2), (3), (4), (5)
		2.2 Photochromism, gray rock ball	БДС EN ISO 105-B05 (1), (2), (3), (4), (5)
		2.3 Laundry at home and in public, gray rock	БДС EN ISO 105-C06 (1), (2), (3), (4), (5)
		2.4 Dry cleaning, grey rock ball	БДС EN ISO 105-D01 (1), (2), (3), (5)
		2.5 Friction– organic solvents, grey rock ball	БДС EN ISO 105-D02 (1), (2), (3), (4), (5)

Type of the scope: *flexible for a part of the scope*			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
	cords, ties/ (4) Passementerie textile products. Safety of clothing for children, ties and cords (5)	2.6 Water, ball of gray rock	БДС EN ISO 105-E01 (1), (2), (3), (4), (5)
		2.7 Seawater, grey rock ball	БДС EN ISO 105-E02 (1), (2), (3), (4), (5)
		2.8 Chlorinated water (water from swimming pools), gray rock ball	БДС EN ISO 105-E03 (1), (2), (3), (4), (5)
		2.9 Pot, grey rock face: -acidic, -alkaline	БДС EN ISO 105-E04 (1), (2), (3), (4), (5)
		2.10 Organic solvents, grey scale	БДС EN ISO 105-X05 (1), (2), (3), (4), (5)
		2.11 Hot ironing, grey rock ball	БДС EN ISO 105-X11 (1), (2), (3), (4), (5)
		2.12 Friction, grey rock scale: - dry, - wet	БДС EN ISO 105-X12 (1), (2), (3), (4), (5)
3.	TEXTILE MATERIALS MADE FROM NATURAL, ARTIFICIAL, SYNTHETIC FIBRES AND THEIR BLENDS, AND ARTICLES MADE THEREFROM FOR HOUSEHOLD, INDUSTRIAL AND CLOTHING PURPOSES – CHARACTERISTICS OF DYEING		
	Woven fabrics (1), Knitted fabrics (2), Non-woven textile materials (3), Threaded textile materials /fibres, yarns, silk, threads, ropes, cords, ties/ (4) Passementerie textile products. Safety of clothing for children, ties and cords (5)	3.1 Instrumental determination of 1/1 colour reference depth, ΔL	БДС EN ISO 105-A06 (1), (2), (3), (4), (5)
		3.2 Colour measurement: L*, a*, b*, C*, h, X, Y, Z, x, y 3.3 Measurement of colour differences: LE*, ΔL*, La*, Ab*, AC*, AN*	БДС EN ISO 105-301 (1), (2), (3), (4), (5)
		3.4 Degree of whiteness – instrumental method	БДС EN ISO 105-J02 (1), (2), (3), (4), (5)
		3.5 Calculating colour differences: - lightness, ΔL_{cmc}, - concentration, ΔC_{cmc}, - tonne, ΔN_{cmc}, - colour difference, ΔE_{cmc}, - CIELAB values: L*, a^*, b*, C^*_{ab}, h_{ab}, - values for ΔL* Δa*, Δb*, ΔC^*_{ab} and ΔH^*_{ab}	БДС EN ISO 105-303 (1), (2), (3), (4), (5)
		3.6 Instrumental and visual determination of color differences against "PANTON" and other colour standards	БДС EN ISO 105-A01 (1), (2), (3), (4), (5); БДС EN 20105-A02 (1), (2), (3), (4), (5); БДС EN ISO 105-J01 (1), (2), (3), (4), (5) БДС EN ISO 105-J03 (1), (2), (3), (4), (5)

Flexible scope: *Implementing a new version of standards/documents or standards/ documents replacing them is allowed. An updated list of standards/documents and their dated versions is provided by the laboratory.*

***Quantitative composition** is a characteristic of the percentage content of 48 textile fibres (Annex 1 to Articles 4, 14 and § 1, item 2) in two-component, three-component mixtures and combinations thereof (Section III, an example table of typical three-component mixtures of fibres) according to the Ordinance on the labelling and names of textile products.

****OLNTP** - Ordinance on the Labelling and Naming of Textile Products, published in the SG, № 44/30.05.2006, in force from 10.06.2006; amended and supplemented, SG № 52/29.06.2007, in force from 01.01.2008; amended, SG № 93/24.11.2009, in force from 24.11.2009; amended and supplemented, SG № 43/08.06.2010, in force from 15.09.2010; amended and supplemented, SG № 31/20.04.2012, in force from 30.07.2012. Adopted by Council of Ministers Decree № 114/17.05.2006 (Repealed but not replaced with regard to the testing method).

Fixed range reference:
VLM 01, Revision 01, dated 29.04.2022. In-house laboratory method for assessing resistance to delamination following repeated washing and drying.

I ORDER

To issue the certificate of accreditation reg. № 144 ЛИ/30.07.2026, valid until 29.07.2030, and this order as an integral part of it.

The certificate of accreditation with the enclosure to be received by the Manager/ representative of the University of chemical technology and metallurgy, the head of Testing laboratory for textiles and dyes at University of chemical technology and metallurgy or other authorized person in the office of EA BAS.

Upon receipt of the certificate and the enclosure issued, the accredited person is obliged to return to EA BAS the originals of accreditation certificate № 141 ЛИ/26.03.2025, valid until 29.07.2026 and its enclosure, EA BAS order reg. № А 103/26.03.2025.

This order shall be notified to the University of chemical technology and metallurgy, within 3 (three) days from its issuance.

Eng. Mariya Ilieva - Yordanova

Executive Director
of Executive Agency Bulgarian Accreditation Service