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 <b>TÜRKAK</b>  Test <b>TS EN ISO/IEC 17025</b> AB-1280-T	<b>BUTEKOM BURSA TECHNOLOGY COORDINATION AND R&amp;D CENTER JOINT STOCK COMPANY</b>  <b>Accreditation Number: AB-1280- TRevision No: 03 Date: 17.05.2022</b>
<b>Experiment Laboratory</b>	
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Tested Materials / Products	Experiment Name	Test Method (National, International standards,in-house methods)
Textile	Determination of Mass Per Unit Area	TS 251 Article 6  ISO 3801
Textile	Tensile Properties of Fabrics Determination of Maximum Force and Length Extension Under Maximum Force - Strip Method	TS EN ISO 13934-1
Textile	Tensile Properties of Fabrics Determination of Maximum Force - Gripping Method	TS EN ISO 13934-2
Textile	Tear Properties of Fabrics, Determination of Tear Force by Ballistic Pendulum Method	TS EN ISO 13937-1
Textile	Tear Properties of Fabrics Determination of Tear Force of Trouser Shaped Test Samples (Single Tear Method) (Electronic Calculation)	TS EN ISO 13937-2
Textile	Burst Properties of Fabrics Hydraulic Method for Determination of Burst Strength and Burst Stress	TS EN ISO 13938-1
Textile-Fabric	Determination of Slip Resistance of Threads - Fixed Seam Opening Method	TS EN ISO 13936-1
Textile	Determination of Abrasion Resistance of Fabrics Using the Martindale Method - Thread Breakage Method	TS EN ISO 12947-2
Textile	Washing Determination of Dimensional Change After Drying	TS EN ISO 5077
Textile- Wovenfabrics	Determination of the Number of Threads per Unit Length	TS 250 EN 1049-2 Method A
Textile	in fabrics Air Permeability Determination	TS 391 EN ISO 9237

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Tested Materials / Products	Experiment Name	Test Method (National, International standards, in-house methods)
Textile	Surface Wetting Determination of Resistance (Spraying Test)	TS EN ISO 4920
Textile	Waterproofing Determination Hydrostatic Pressure Test	TS EN ISO 811
Textile, Accessory	Color vs. Artificial Light Determination of Fastness - Xenon Arc Fading Lamp Test	TS EN ISO 105-B02
Textile, Accessory	Determination of Color Fastness to Rubbing	TS EN ISO 105
Textile, Accessory	Color Against Sweat Fastness Determination	TS EN ISO 105 E04
Textile	Washing and Drying Procedures with a Home Type Washing Machine	TS EN ISO 6330
Textile	Preparation, Marking and Measuring of Fabric Pieces and Garments Used in Experiments to Determine Dimensional Change	TS EN ISO 3759
Textile, Accessory	Color Fastness to Water	TS EN ISO 105-E01 BS EN ISO 105-E01 ISO 105-E01 DIN EN ISO 105-E01
Textile, Accessory	Color Fastness to Domestic and Commercial Washing	TS EN ISO 105-C06 BS EN ISO 105-C06 ISO 105-C06 DIN EN ISO 105-C06
Textile, Accessory	Determination of Color Fastness of General Use Items - Artificial Saliva Test	DIN 53160-1
Textile	Determination of pH Value of Aqueous Extract (Using pH Meter)	TS EN ISO 3071 BS EN ISO 3071 EN ISO 3071 ISO 3071 DIN EN ISO 3071
Textile	Quantitative Chemical Fiber Analysis - General Testing Principles	TS EN ISO 1833-1 BS EN ISO 1833-1 DIN EN ISO 1833-1 ISO 1833-1


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Tested Materials / Products	Experiment Name	Test Method (National, International standards,in-house methods)
Textile	Quantitative Chemical Fiber Analysis - Mixture of Cellulose and Polyester Fibers (Analysis with Sulfuric Acid)	TS EN ISO 1833-11 BS EN ISO 1833-11 DIN EN ISO 1833-11 ISO 1833-11
Textile	Freeand Determination of Hydrolyzed Formaldehyde (Water Extraction Method) (Using UV-VIS Spectrophotometer)	T S E N I S O 14184-1 BS EN ISO 14184-1 EN ISO 14184-1 ISO 14184-1
Textile	Measurement of Thermal Resistance and Resistance to Water Vapor under Steady Conditions	TS EN ISO 11092
Textile,Protecti ve clothing	Electrostatic properties Determination of surface resistivity	TS EN 1149-1 EN 1149-1 DIN EN 1149-1 BS EN 1149-1
Textile,Protecti ve clothing	Electrostatic properties Determination of Electrical Resistance to the Depth of the Material (Vertical Resistance)	TS EN 1149-2 EN 1149-2 DIN EN 1149-2 BS EN 1149-2
Textile,Protecti ve clothing	Electrostatic properties Test Method for Measuring Load Attenuation	TS EN 1149-3 EN 1149-3 DIN EN 1149-3 BS EN 1149-3
Textile	Surface on FabricsDetermination of Pilling and Pilling Tendency - Improved Martindale Method	TS EN ISO 12945-2 ISO 12945-2 BS EN ISO 12945-2 DIN EN ISO 12945-2
Textile	Tear Properties of Fabrics - Determination of Tear Force of Wing- Shaped Test Samples - Single Tear Method (Electronic Calculation)	TS EN ISO 13937-3 ISO 13937-3 BS EN ISO 13937-3 DIN EN ISO 13937-3
Textile	Tear Properties of Fabrics - Determination of Tear Force of Tongue-Shaped Test Samples - Double Tear Method (Electronic Calculation)	TS EN ISO 13937-4 ISO 13937-4 BS EN ISO 13937-4 DIN EN ISO 13937-4



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Tested Materials / Products	Experiment Name	Test Method (National, International standards,in-house methods)
Tires and thermoplastics	Determination of Resistance Against Ozone Cracking Static and Dynamic Stress Test	TS ISO 1431-1 ISO 1431-1 DIN ISO 1431-1 BS ISO 1431-1
ProtectorClothing - Protective Clothing Against Heat and Flame	Test Method for Confined Flame Splash (Flame Splash Test)	TS EN ISO 11612 Article 6.3 TS EN ISO 15025 BS EN ISO 15025 DIN EN ISO 15025 ISO 15025
plastics	Determination of Crystallization and Melting Enthalpy and Temperature	TS EN ISO 11357-1 TS EN ISO 11357-3
Textile	Quantitative Chemical Fiber Analysis - Mixture of Polyamide and Other Fibers (Analysis with Formic Acid)	TS EN ISO 1833-7
Rubber, Plastic	Determination of tensile stress-elongation properties	TS ISO 37 (Method A)
Rubber	Determination of permanent crush ratio under pressure at ambient temperature, high or low temperatures	TS ISO 815-1 TS ISO 815-2
Polymer, Rubber, Composite	Density Determination	TS EN ISO 1183-1 (Method A)
Rubber	Indentation hardness (Shore hardness) by durometer method	TS ISO 48-4
Textile	Artificial Weather Conditions Counter Color Fastness Determination Fading Experiment with Xenon Arc Lamp	TS 4460 EN ISO 105-B04
Textile, Rubber, Composite	Determination of Combustion Behavior of Automotive Interior Materials-Horizontal Combustion	TS EN ISO 3795 FMVSS No.302 ECE R118 annex 6
Composite	Determination of tensile properties - Test conditions for isotropic and orthotropic fiber reinforced plastic composites	TS EN ISO 527-1 TS EN ISO 527-4
plastics	Determination of Tensile Properties (Max= 100kN)	TS EN ISO 527-1 TS EN ISO 527-2

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Rubber, Composite	Determination of Izod impact strength	TS EN ISO 180
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<b>Tested Materials / Products</b>	<b>Experiment Name</b>	<b>Test Method (National, International standards,in-house methods)</b>
Rubber, Composite	Determination of Charpy impact properties - Impact test without measurement tools	TS EN ISO 179-1
Composite	Tensile Properties of Polymer Matrix Composites	ASTM D3039
Plastic, Composite	Determination of elasticity properties	TS EN ISO 178

END OF SCOPE

**G. Banu MÜDERRİSOĞLU**  
Secretary General