



TURKISH ACCREDITATION AGENCY

## ACCREDITATION CERTIFICATE

As a Testing Laboratory

### KUZEY BORU ANONİM ŞİRKETİ

Central Address: KIRIMLI OSB MAH. MEHMETÇİK BLV. No:2/1 MERKEZ/AKSARAY Aksaray / Türkiye

*\*The list of the branches operating under the same accreditation depending on the central address and the scope of these branches are given in the annexes.*

is accredited in accordance with TS EN ISO/IEC 17025:2017 standard within the scope given in Annex following the assessment conducted by TURKAK.

**Accreditation Number : AB-1350-T**

**Accreditation Date : 02.07.2018**

**Revision Date / Number : 14.05.2025 / 05**


This certificate shall remain in force until **30.06.2026**, subject to continuing compliance with the standard **TS EN ISO/IEC 17025:2017**, related regulations and requirements.

Gülden Banu Müderrisoğlu  
Secretary General



Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Agreement (MRA) in the scope of ISO/IEC 17025.

*This document has been signed by Gülden Banu Müderrisoğlu with a secure electronic signature in accordance with the electronic signature law numbered 5070. Use the QR code to verify the e-signed document.*

 <p>Türk TS EN ISO/IEC 17025 AB-1350-T</p>	<p style="text-align: center;"><b>KUZEY BORU ANONİM ŞİRKETİ</b></p> <p style="text-align: center;">Accreditation Nr: AB-1350-T Revision Nr: 05 Date: 14.05.2025</p>	
	<p><b>Testing Laboratory</b></p>	
	<p><b>Address :</b> KIRIMLI OSB MAH. MEHMETÇİK BLV. No:2/1 MERKEZ/AKSARAY Aksaray / Türkiye</p>	<p>Phone : - Fax : - Email : fulin.turhan@kuzeyboru.com.tr Website : www.kuzeyboru.com.tr</p>

Plastic and Rubber Products		
Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Plastics, Thermoplastic Pipes and Fittings, Plastic Pipe Systems	Determination of the Resistance to Internal Pressure (Max d= 1600 mm)	<ul style="list-style-type: none"> <li>• TS EN ISO 1167-1</li> <li>• TS EN ISO 1167-2</li> </ul>
Plastics, Thermoplastic Pipes and Fittings, Plastic Pipe Systems	Determination of Dimensions	TS EN ISO 3126
Plastics, Thermoplastic Pipes and Fittings, Plastic Pipe Systems	Determination of Carbon Black Content by Calcination and Pyrolysis	<ul style="list-style-type: none"> <li>• TS ISO 6964</li> <li>• ASTM D4218</li> </ul>
Plastics, Thermoplastic Pipes and Fittings, Plastic Pipe Systems	Determination of Volatile Content	TS EN ISO 12099
Plastics, Thermoplastic Pipes and Fittings, Plastic Pipe Systems	Assessment of the Degree of Pigment or Carbon Black Dispersion	<ul style="list-style-type: none"> <li>• TS ISO 18553</li> </ul>
Plastics, Thermoplastic Pipes and Fittings, Plastic Pipe Systems	Determination of Tensile Properties (Max= 50 kN)	<ul style="list-style-type: none"> <li>• TS EN ISO 6259-1</li> <li>• TS EN ISO 6259-3</li> </ul>
Plastics, Thermoplastic Pipes and Fittings, Plastic Pipe Systems	Determination of the Melt Mass - Flow Rate (MFR)	TS EN ISO 1133-1 (Method A)
Plastics, Thermoplastic Pipes and Fittings, Plastic Pipe Systems	Determination of Oxidation Induction Time (OIT)	<ul style="list-style-type: none"> <li>• TS EN ISO 11357-6</li> <li>• TS EN ISO 11357-1</li> </ul>
Plastics, Thermoplastic Pipes and Fittings, Plastic Pipe Systems	Determination of Density	TS EN ISO 1183-1 (Method A)
Plastics, Thermoplastic Pipes and Fittings, Plastic Pipe Systems	Determination of Resistance to Rapid Crack Propagation (RCP)	TS EN ISO 13477
Plastics, Thermoplastic Pipes and Fittings, Plastic Pipe Systems	Oven Test	TS ISO 12091
Plastics, Thermoplastic Pipes and Fittings, Plastic Pipe Systems	Determination of Ring Stiffness (Max d= 600 mm)	TS EN ISO 9969
Plastics, Thermoplastic Pipes and Fittings, Plastic Pipe Systems	Test Method for Resistance to External Blows by the Round-The-Clock Method (Max d= 600 mm)	TS EN ISO 3127
Plastics, Thermoplastic Pipes and Fittings, Plastic Pipe Systems	Longitudinal Reversion	TS EN ISO 2505
Plastics, Thermoplastic Pipes and Fittings, Plastic Pipe Systems	Determination of Ring Flexibility (Max d= 600 mm)	TS EN ISO 13968



 <p>Test TS EN ISO/IEC 17025 AB-1350-T</p>	<h1>KUZEY BORU ANONİM ŞİRKETİ MALATYA ŞUBESİ</h1>	
	<p>Accreditation Nr: AB-1350-T Revision Nr: 05 Date: 14.05.2025</p>	
	<p>Testing Laboratory</p>	
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	Fax :	
	Email : kalite.guvence@kuzeyboru.com.tr	
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Plastic and Rubber Products		
Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Glass Fiber Reinforced Thermosetting Plastic (GRP) Pipe and Fittings	Measurement of Hardness by means of a Barcol Impressor	TS EN 59
Glass Fiber Reinforced Thermosetting Plastic (GRP) Pipe and Fittings	Test Method to Prove the Resistance to Initial Ring Deflection (Max= 300 kN)	TS ISO 10466
Glass Fiber Reinforced Thermosetting Plastic (GRP) Pipe and Fittings	Determination of the Apparent Initial Circumferential Tensile Strength	TS ISO 8521 (Method D) TS ISO 8521 (Method B)
Glass Fiber Reinforced Thermosetting Plastic (GRP) Pipe and Fittings	Determination of the Apparent Initial Longitudinal Tensile Strength (Max= 300 kN)	TS ISO 8513 (Method A)
Glass-Reinforced Thermosetting Plastics (GRP) Pipes and Fittings	Test Methods to Prove the Leaktightness of the Wall under Short-Term Internal Pressure	ISO 7511 (Method A)
Glass Fiber Reinforced Thermosetting Plastic Pipes (GRP) and Fitting Parts	Determination of Initial Specific Ring Stiffness (Max: d=4.000 mm)	TS ISO 7685 (Method B)
Glass Fiber Reinforced Thermosetting Plastic Pipes (GRP) and Fitting Parts	Determination of Dimensions	TS EN ISO 3126

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