

Topic: IPI Pipe Sample MOLI Tensile Strength Result

Requesting: IPI International Plastic Industry Sarl

** This document has been created to report the technical analyses of samples sent at the request of our customer.*

*** We hereby declare that, should this document be presented to the competent authorities, no representations have been made in accordance with accredited international standards, and it has been issued solely for the purpose of sharing the test results of the samples.*

Dear Sir/Madam,

The results of the physical property and tensile strength analyses performed on pipe sample-MOLI, which was received from your company, are as follows;

Properties	Pipe Sample MOLI
Diameter, cm	31,7
Length, cm	14,6
Density, g/cm ³	1,672
Mass, g	1364
Thickness	5,9
Kg/Meter	9,342
Tensile Strength, N/mm ²	24,91

Also, 2000 hours QUV Resistance results can be seen in the next page.

For your information,

Best Regards,

Oğuz ÖREN

Product Specialist

Customer Name : IPI LEBANON PIPE

Name of Sample : IPI MOLI

Weathering Equipment : Q.U.V. Accelerated Weathering Tester

Cabin Temperature : 50° (light cycle) / 45°C (dark cycle)

Light Source : UVA 340 Lamp
8 hours light cycle / 4 hours dark and condensation

Glossmeter : Sheen® / TRI - Microgloss

Spectrophotometer : X-Rite® SP88 D6510 / Sphere Included

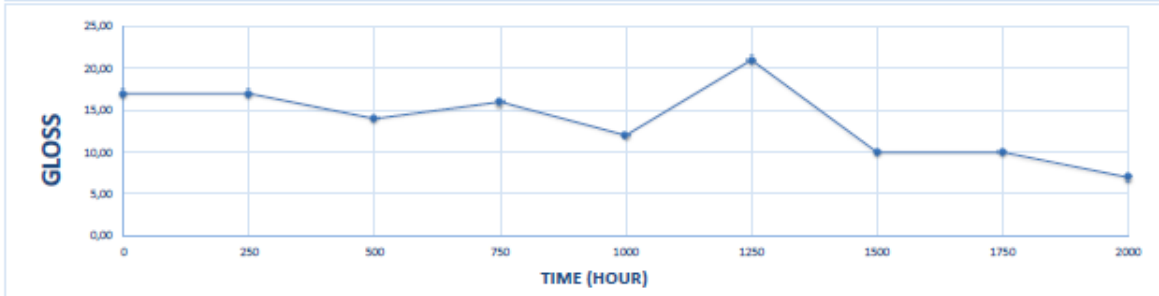
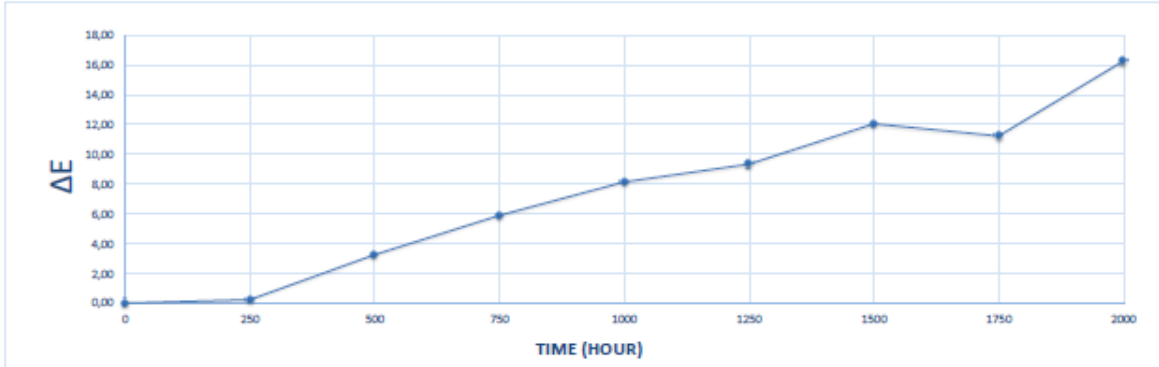
Starting Date of Test : 8.08.2025

Finish Date of Test : 6.11.2025

Exposure period : 2000 HOUR

Report Date : 22.12.2025

	0	250	500	750	1000	1250	1500	1750	2000
L	46,91	46,73	47,26	45,55	46,65	44,15	45,00	45,59	50,97
a	34,69	34,54	32,81	30,84	28,88	28,52	25,94	26,92	23,65
b	32,09	32,09	29,46	27,84	26,39	25,64	24,02	24,09	20,84
ΔE	0,00	0,23	3,25	5,89	8,14	9,34	12,06	11,23	16,28
Gloss	17,00	17,00	14,00	16,00	12,00	21,00	10,00	10,00	7,0



Tested By	Süleyman SAYAN	Approval By	Aytaç ŞAHİN
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NOTE :

1. Weathering Test is realized according to ASTM G53-88 standard
2. All measurements are arithmetic mean of 5 data

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Yayın Tarihi: 09.11.2004