

Topic: IPI MOLI Tests Results

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 MOLI pipe, which was received from your company, are as follows;

Properties	MOLI
Diameter, cm	19,8
Length, cm	15
Density, g/cm ³	1,647
Mass, g	465
Thickness	3
Kg/Meter	3,1
Tensile Strength, N/mm ²	26,02

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

For your information,

Best Regards,

Oğuz ÖREN

Product Specialist

 Akdeniz Chemson	Q.U.V. ACCELERATED WEATHERING TEST REPORT	Report No : 2025 - 151 Date : 6.11.2025
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Customer Name : IPI LEBANON PIPE SAMPLES

Name of Sample : IPI Sample - 2

Weathering Equipment :	Q.U.V. Accelerated Weathering Tester	Cabin Temperature :	50° (light cycle) / 45°C (dark cycle)
Light Source :	UVA 340 Lamp	Glossmeter :	Sheen® / TRI - Microgloss
Cycle Period :	8 hours light cycle / 4 hours dark and condensation	Spectrophotometer :	X-Rite® SP88 D6510 / Sphere Included

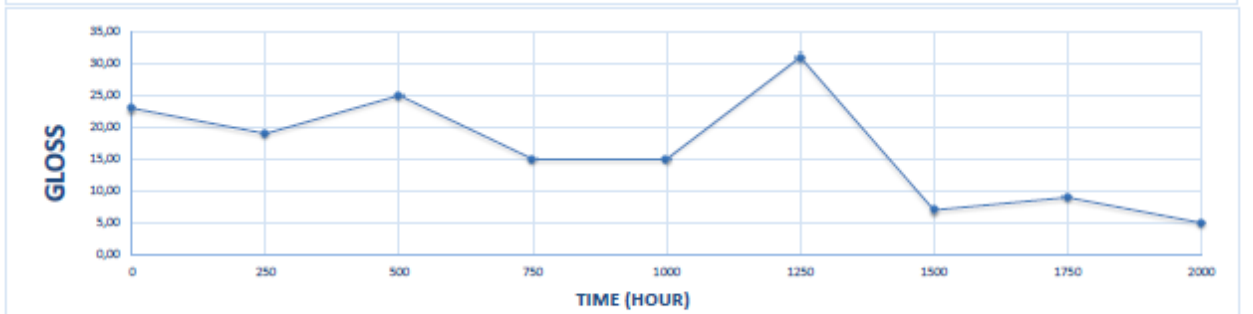
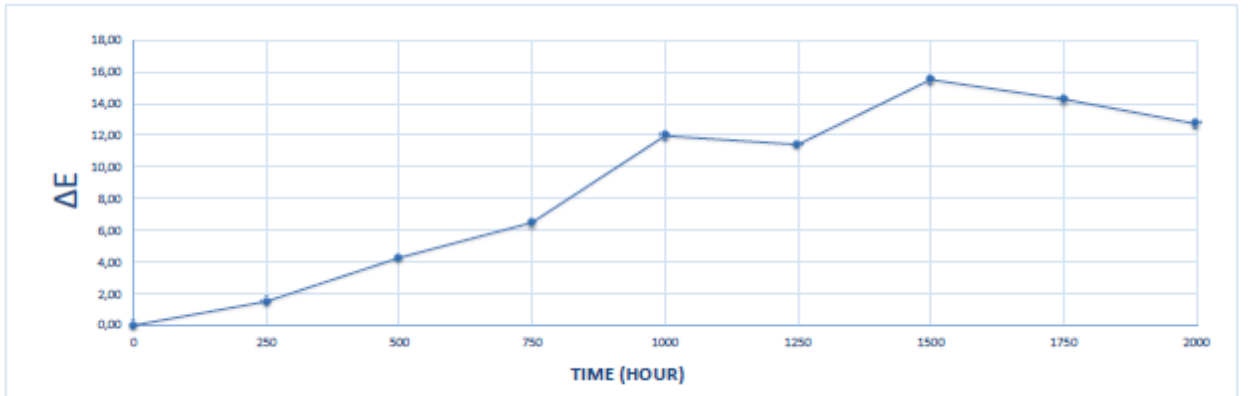
Starting Date of Test : 8.08.2025

Finish Date of Test : 6.11.2025

Exposure period : 2000 HOUR

Report Date : 6.11.2025

	0	250	500	750	1000	1250	1500	1750	2000
L	49,34	49,04	48,77	47,43	49,33	44,40	47,21	48,08	46,53
a	35,09	34,63	33,05	31,75	28,10	28,86	25,71	26,34	27,36
b	35,66	34,26	31,96	30,44	25,95	27,47	23,49	24,44	25,95
ΔE	0,00	1,50	4,26	6,48	11,96	11,41	15,51	14,28	12,73
Gloss	23,00	19,00	25,00	15,00	15,00	31,00	7,00	9,00	5,0



Tested By	Söleyman 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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KİMYA

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