

TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-049901

Receipt Date : 2024.03.26.

Representative : Han Myoung Ho

Test Completion Date : 2024.04.18.

Company name : LX HAUSYS Co.,Ltd.

Address : 98, Huam-ro, Jung-gu, Seoul, Republic of Korea.

Sample name : S728B

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Specific Gravity((23/23) °C)(Method A)	-	-	1.85	ASTM D792-20
Rockwell Hardness(HRM)(Procedure A)	-	-	89	ASTM D785-08(2015)
Barcol Hardness	-	-	63	Client Provided Test Method(ASTM D2583-13a)
Tensile Strength(**)	MPa	-	41.8	ASTM D638-22
Tensile Modulus of Elasticity(**)	GPa	-	11.8	ASTM D638-22
Flexural Strength(***)	MPa	-	68.1	ASTM D790-17
Flexural Modulus of Elasticity(***)	GPa	-	12.8	ASTM D790-17
Izod Impact Strength(Method A)	J/m	-	22	ASTM D256-23e1
Water Absorption(24 h Immersion)	%	-	0.02	ASTM D570-22
Appearance(Crack) after Heat Resistance[(170 ± 2) °C×20 min]	-	-	No Defects	By the Client
Temperature Under Flexural Load(1.82 MPa)	°C	-	98	ASTM D648-18
Thermal Expansion	1/°C	-	4.2×10^{-5}	applied KS M 3015 : 2003
Pencil Hardness(Mitsubishi Pencil)	-	-	8H	applied KS M ISO 15184 : 2020
Appearance(Crack) after Hot Water Resistance(**)	-	-	No Defects	By the Client

** Specimen: Type III, Speed of Testing: 1 mm/min

*** Support Span: 188 mm, Speed of Testing: 5.0 mm/min

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Tel : 1577-0091(ARS ①→④)

2024.04.18

Korea Testing & Research Institute

President Kim Hyun cheol



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- Usage of Report : QUALITY CONTROL

- Note : 1. The test results of this test report are only limited in to the samples and sample names provided by the client and do not guarantee the quality of all products of the client. You Can check website (www.ktr.or.kr) or QR code to verify the authenticity of the certificate.
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