

TEST REPORT

40, Yeongudanji-ro, Ochang-eup, Cheongwon-gun, Chungcheongbuk-do,
363-883 Rep. of KOREA

TEL 82-43-211-6144 FAX 82-43-211-6148

Report No : TAC-003232

Receipt Date : Jul.24.2015

Client : HAN MYEUNG HO

Test Completion Date : Aug.06.2015

Hanwha L&C

7_8F, CENTER1 Bldg, 26, Uljiro 5-gil, Jung-gu, Seoul, Korea

Sample : Scagliola(HANEX) S-2

TEST RESULTS

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Specific Gravity((23/23) °C)	-	-	1.799	ASTM D792-13(Method A)
Rockwell Hardness(HRM)	-	-	88	ASTM D785-08(Procedure A)
Tensile Strength	MPa	-	40.6	ASTM D638-14(*)
Tensile Modulus of Elasticity	GPa	-	11.3	ASTM D638-14(*)
Flexural Strength	MPa	-	69.0	ASTM D790-10(**)
Flexural Modulus of Elasticity	GPa	-	10.8	ASTM D790-10(**)
Izod Impact Strength	J/m	-	22	ASTM D256-10(Method A)
Water Absorption(24 h Immersion)	%	-	0.02	ASTM D570-98(2010)e1
Density(23 °C)	g/cm ³	-	1.794	ASTM D792-13(Method A)
Heat Resistance Test	-	-	No Defects	JIS K 6902 : 2008
Hot Water Resistance Test	-	-	No Defects	JIS K 6902 : 2008
Deflection Temperature Under Load(1.82 MPa)	°C	-	112	ASTM D648-07(Method B)
Thermal Expansion	1/°C	-	2.6 × 10 ⁻⁴	JIS K 6911 : 2006

* Specimen: Type I, Speed of Testing: 5 mm/min(Modulus: 1 mm/min)

** Speed of Testing: 5.1 mm/min, Support Span: 190 mm

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Aug.06.2015

Korea Testing & Research Institute

President



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* USAGE : QUALITY CONTROL

NOTE : 1. The test results on this test report are only limited to the samples and sample names provided by the customer and KTR does not guarantee the quality of all products of the customer, and you can confirm the authenticity of the test report online (www.ktr.or.kr) or by using the QR code.
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