



TEST REPORT

685-1, Yangcheong-Ri, Ochang-Eup, Cheongwon-Gun, Chungbuk

TEL 82-43-211-6144

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Report No : TAC-000961

Receipt Date : Mar.04.2013

Client : Kim Chang Bum

Test Completion Date : Mar.15.2013

Hanwha Living & Creative Corporation

Hanwha Bldg #1 Janggyo-dong, Jung-gu, Seoul, 100-797 Korea

Sample : Scagliola(HANEX) D

TEST RESULTS

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Specific Gravity((23/23) °C)	-	-	1.756	ASTM D792-08(Method A)
Rockwell Hardness(HRM)	-	-	90	ASTM D785-08(Procedure A)
Tensile Strength	MPa	-	43.8	ASTM D638-10(*)
Tensile Modulus of Elasticity	GPa	-	12.6	ASTM D638-10(*)
Flexural Strength	MPa	-	58.8	ASTM D790-10(**)
Flexural Modulus of Elasticity	GPa	-	10.6	ASTM D790-10(**)
Izod Impact Strength	J/m	-	16	ASTM D256-10(Method A)
Water Absorption(24 h Immersion)	%	-	0.036	ASTM D570-98(2010)e1
Density(23 °C)	g/cm ³	-	1.751	ASTM D792-08(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	-	115	ASTM D648-07(Method B)
Thermal Expansion	1/°C	-	3.93 × 10 ⁻⁵ □ □	JIS K 6911 : 2006

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

** Speed of Testing: 5.2 mm/min, Support Span: 190 mm

USAGE : QUALITY CONTROL

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Korea Testing & Research Institute

President





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NOTE : 1. The test results on this test report are only limited to the samples and sample names provided by the customer and KTR do not guarantee the quality of all products of the customer.
 2. This test report shall not be used for public relation, advertisement, lawsuit and any other purposes outside the scope of its defined usage.

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전자문서본(Electronic)

