

TEST REPORT

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

TEL 82-32-5709-700

FAX 82-32-575-5613

Report No : TAK-2019-044272

Receipt Date : 2019.03.14.

Representative : Kyungjip Min

Test Completion Date : 2019.04.16.

Company name : LG HAUSYS Co., Ltd

Address : (Yeuido-dong, One IFC)10, Gukjegeumyung-ro, Yeongdeungpo-gu, Seoul, Korea.

Sample name : Artificial Marble (Viatera Quartz)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Specific Gravity(*)	-	-	2.35	KS F 4739 : 2016
Water Absorption(*)	%	-	0.05	KS F 4739 : 2016
Flexural Strength (*)	N/mm ²	-	37.5	KS F 4739 : 2016
Compressive Strength(Wet Condition)(*)	MPa	-	178	KS F 2519 : 2015(Apply correspondingly)
Abrasion Resistance(Gloss Decreasing Rate)(*)	%	-	17	KS F 4739 : 2016
Impact Test(**)	-	-	No Defects	KS F 4739 : 2016
Local Compressive Strength(**)	N/mm ²	-	4.6	KS F 4739 : 2016
Chemicals Resistance Test (NaOH,3%)(**)	-	-	No Defects	KS F 4739 : 2016
Chemicals Resistance Test (HCl,3%)(**)	-	-	No Defects	KS F 4739 : 2016
Rockwell Hardness(M)	-	-	114	KS M ISO 2039-2 : 2008

* Test results were from average of 3 samples

** Test results were from one of the each samples

- Sample Size : (300×300×20) mm, (But,(20×20×20) mm samples were used for Compressive Strength test)

- Abrasion Resistance test method : A type

- Usage of Report : QUALITY CONTROL

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Ahn Seung-il

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Jong-Kuk Kwon

Reviewed by Jong-Kuk Kwon

Tel : 1577-0091(ARS ①→④)

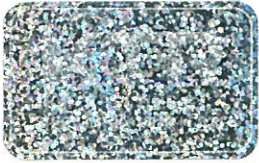
2019.04.16

Korea Testing & Research Institute

President *Byun, Jong-Rip*



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- 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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