



TEST REPORT

539-3, Pyungchon-Dong, Daedeok-Gu, Daejeon, KOREA

TEL 82-42-931-8511 FAX 82-42-931-8514

Report No : TAD-006201

Receipt Date : Sep.04.2012

Client : Park Hee Won

Test Completion Date : Sep.17.2012

Lion Chemtech Co., Ltd.

41-5 Moonpyong-Dong, Daeduk-Gu, Daejeon, Korea.

Sample : Acrylic Solid Surface-Tristone

TEST RESULTS

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Specific Gravity((23/23) °C)	-	-	1.692	ASTM D792-08(Method A)
Rockwell Hardness(HRM)	-	-	86	ASTM D785-08(Procedure A)
Tensile Strength	MPa	-	33.4	ASTM D638-10(*)
Tensile Modulus of Elasticity	GPa	-	8.98	ASTM D638-10(*)
Flexural Strength	MPa	-	53.6	ASTM D790-10(**)
Flexural Modulus of Elasticity	GPa	-	8.89	ASTM D790-10(**)
Izod Impact Strength	J/m	-	13	ASTM D256-10(Method A)
Water Absorption(24 h Immersion)	%	-	0.035	ASTM D 570-98(2010)e1
Heat Resistance	-	-	No Defects	JIS K 6902 : 2007
Heat Water Resistance	-	-	No Defects	JIS K 6902 : 2007
Deflection Temperature Under Load(1.82 MPa)	°C	-	98	ASTM D638-07(Method B)

* Speed of Testing:5 mm/min, Test Specimen:TYPE I

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

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 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.

Park Seungpyo

Prepared by Park Seungpyo
Tel: +82-32-570-9676
E-mail: psp@ktr.or.kr

Eung-Soo Chung

Reviewed by Eung-Soo Chung
Technical Manager
E-mail: chali@ktr.or.kr

Sep.17.2012

Korea Testing & Research Institute

President *Kwang Cho*

