



KOREA TESTING &amp; RESEARCH INSTITUTE

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# TEST REPORT

(Additional Copy)

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

TEL 82-42-931-8511

FAX 82-42-931-8514

Report No : TAD-003192

Receipt Date : Jun.29.2007

Client : Kim Young Suk

Test Date : Jul.10.2007

KOREA MATERIALS LABORATORY CO.,LTD.

WOLSAN LOCAL INDUSTRIAL ZONE 6BL, WOLSAN-RI, NAM-MYUN, YEONGI-GUN, CHUNGNAM, KOREA.

Sample : ANTI-STATIC PC PLATE

## TEST RESULTS

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Surface Resistance	$\Omega/\text{square}$		$10^6$	Surface Resistivity Meter(Model 475-Acl Incorporated)
Total Luminous Transmittance	%		80.5	ASTM D 1003 : 2000(Procedure A)
Haze	%		0.5	ASTM D 1003 : 2000(Procedure A)
Tensile Strength	MPa		67.4	ASTM D 638 : 2003(*)
Elongation at Break	%		84	ASTM D 638 : 2003(*)
Flexural Strength	MPa		96.3	ASTM D 790 : 2003(**)
Flexural Modulus of Elasticity	GPa		2.29	ASTM D 790 : 2003(**)
Izod Impact Strength	J/m		946	ASTM D 256 : 2006(Method A)
Deflection Temperature Under Load(1.82 MPa)	°C		133	ASTM D 648 : 2007(Method B)
Water Absorption	%		0.072	ASTM D 570 : 1998(24 h IMMERSION)
Pencil Hardness(***)	-		HB	KS D 6711 : 1992
Appearance after Chemicals Resistance Test(IPA)	-		No Defects	By The Client(KS M 3802 : 2003)
Appearance after Chemicals Resistance Test(Acetone)	-		No Defects	By The Client(KS M 3802 : 2003)

\* Test Specimen : TYPE I , Speed of Testing : 50 mm/min

\*\* Speed of Testing : 1.5 mm/min, Support Span : 60 mm

\*\*\* Pencil : MITSU-BISHI

USAGE : QUALITY CONTROL

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Jul.10.2007



Korea Testing &amp; Research Institute

President Bowon Lee



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- NOTE :
1. The test result of this test report only limited in the sample and sample name presented by the client and do not guarantee the all products of the client.
  2. This test report shall be used only within the purpose of its defined usage and also shall not be used for public relation, advertisement and suit without the KTR's written approval.
  3. This test report includes the test result performed in accordance with the test method which is presented by client.



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Jul.10.2007



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