



Test Report

No. F690101/LF-CTSAYAA15-14333

Issued Date: 2015. 03. 19

Page 1 of 3

SJT Co., Ltd.

No.1206 Guk-Je O/T 1147-14, Choryang 3 Dong,
Dong-Gu, Busan,
Korea

The following sample(s) was/were submitted and identified by/on behalf of the client as:-

SGS File No. : AYAA15-14333
Product name : Acrylic
Item No./Part No. : N/A
Received Date : 2015. 03. 16
Test Period : 2015. 03. 17 to 2015. 03. 19
Test Result(s) : For further details, please refer to following page (s)

SGS Korea Co., Ltd.

Daesung Lee / Technical Manager

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s).

SGS Korea Co., Ltd.

322, The O valley, 76, LS-ro, Dongan-gu, Anyang-si, Gyeonggi-do, Korea 431-080
t +82 (0)31 4608 000 f +82 (0)31 4608 059 <http://www.sgsaroup.kr>

Member of the SGS Group (Société Générale de Surveillance)

Test Report

No. F690101/LF-CTSAYAA15-14333

Issued Date: 2015. 03. 19

Page 2 of 3

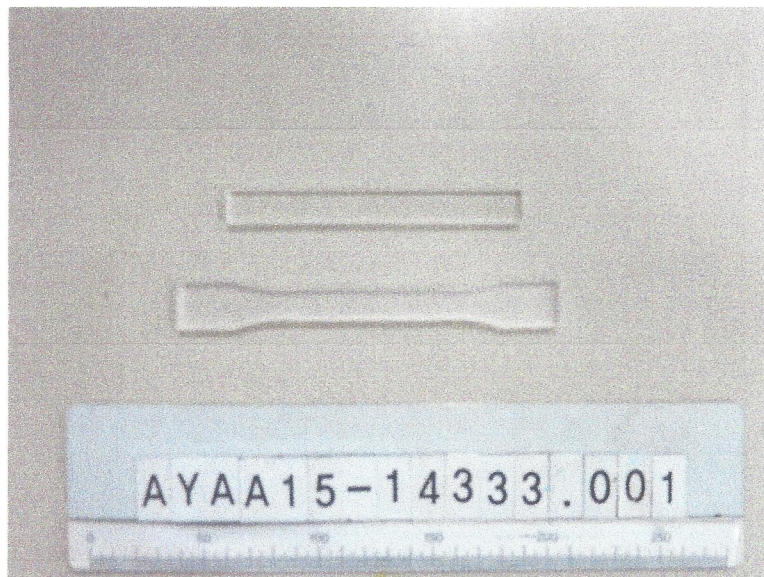
Sample No. : AYAA15-14333
 Sample Description : Acrylic
 Item / Part No. : N/A
 Material : N/A

Test Item	Test Method	Test Condition	Unit	Test Result
Tensile Strength	ASTM D638-10	50 mm/min	MPa	69.8
Tensile Elongation	ASTM D638-10	50 mm/min	%	4.83
Flexural Strength	ASTM D790-10	2 mm/min Span : 80 mm	MPa	111.8
Flexural Modulus	ASTM D790-10	2 mm/min Span : 80 mm	Mpa	3200
IZOD Impact Strength	ASTM D256-10 (Method A)	Notched	J/m	25.6(C)
Heat Deflection Temperature	ASTM D648-07 (Method B)	1.82 MPa	℃	101
Vicat Softening Temperature	ASTM D1525-09	10 N, 120℃/h	℃	118
Rockwell Hardness	ASTM D785-08	-	HRR	122
Specific Gravity	ASTM D792-13	23 ℃	-	1.19

Note) C : Complete break

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s).

Picture of Sample as Received :



*** End of Report ***

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s).