



TEST REPORT

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

TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2019-152031

Receipt Date : 2019.08.21.

Representative : ROH SANG CHEUL

Test Completion Date : 2019.09.06.

Company name : SHINILFRAME CO., LTD.

Address : 45, Hyuam-ro 117beon-gil, Wollong-myeon, Paju-si, Gyeonggi-do

Sample name : MIGA LOUVER PANEL

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Pb	mg/kg	-	Not Detected	IEC 62321-5 Ed. 1.0 : 2013(AAS, Apply Correspondingly)
Cd	mg/kg	-	Not Detected	IEC 62321-5 Ed. 1.0 : 2013(AAS, Apply Correspondingly)
Hg	mg/kg	-	Not Detected	IEC 62321-4 Ed. 1.0 : 2013(DMA, Apply Correspondingly)
Cr ⁶⁺	mg/kg	-	Not Detected	IEC 62321-7-2 Ed. 1.0 : 2017(UV/Vis, Apply Correspondingly)
Total-PBBs	mg/kg	-	Not Detected	IEC 62321-6 Ed. 1.0 : 2015(GC/MS, Apply Correspondingly)
Mono-BB	mg/kg	-	Not Detected	IEC 62321-6 Ed. 1.0 : 2015(GC/MS, Apply Correspondingly)
Di-BB	mg/kg	-	Not Detected	IEC 62321-6 Ed. 1.0 : 2015(GC/MS, Apply Correspondingly)
Tri-BB	mg/kg	-	Not Detected	IEC 62321-6 Ed. 1.0 : 2015(GC/MS, Apply Correspondingly)
Tetra-BB	mg/kg	-	Not Detected	IEC 62321-6 Ed. 1.0 : 2015(GC/MS, Apply Correspondingly)

- Next Page -



Prepared by Kweon Deok Jun

Tel : 02-2092-3792



Reviewed by Yang-Suek Bhang

Tel : 1577-0091(ARS ①→④)

2019.09.06

Korea Testing & Research Institute

 President *Kwon Oh-jung*


QR Code for forgery

Page : 1 of 4



TEST REPORT

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

TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2019-152031

Receipt Date : 2019.08.21.

Representative : ROH SANG CHEUL

Test Completion Date : 2019.09.06.

Company name : SHINILFRAME CO., LTD.

Address : 45, Hyuam-ro 117beon-gil, Wollong-myeon, Paju-si, Gyeonggi-do

Sample name : MIGA LOUVER PANEL

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Penta-BB	mg/kg	-	Not Detected	IEC 62321-6 Ed. 1.0 : 2015(GC/MS, Apply Correspondingly)
Hexa-BB	mg/kg	-	Not Detected	IEC 62321-6 Ed. 1.0 : 2015(GC/MS, Apply Correspondingly)
Hepta-BB	mg/kg	-	Not Detected	IEC 62321-6 Ed. 1.0 : 2015(GC/MS, Apply Correspondingly)
Octa-BB	mg/kg	-	Not Detected	IEC 62321-6 Ed. 1.0 : 2015(GC/MS, Apply Correspondingly)
Nona-BB	mg/kg	-	Not Detected	IEC 62321-6 Ed. 1.0 : 2015(GC/MS, Apply Correspondingly)
Deca-BB	mg/kg	-	Not Detected	IEC 62321-6 Ed. 1.0 : 2015(GC/MS, Apply Correspondingly)
Total-PBDEs	mg/kg	-	Not Detected	IEC 62321-6 Ed. 1.0 : 2015(GC/MS, Apply Correspondingly)
Mono-BDE	mg/kg	-	Not Detected	IEC 62321-6 Ed. 1.0 : 2015(GC/MS, Apply Correspondingly)
Di-BDE	mg/kg	-	Not Detected	IEC 62321-6 Ed. 1.0 : 2015(GC/MS, Apply Correspondingly)

- Next Page -



Prepared by Kweon Deok Jun

Tel : 02-2092-3792



Reviewed by Yang-Suek Bhang

Tel : 1577-0091(ARS ①→④)

2019.09.06

Korea Testing & Research Institute

 President *Kwon Oh-jung*


QR Code for forgery



TEST REPORT

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

TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2019-152031
 Representative : ROH SANG CHEUL
 Company name : SHINILFRAME CO., LTD.
 Address : 45, Hyuam-ro 117beon-gil, Wollong-myeon, Paju-si, Gyeonggi-do

Receipt Date : 2019.08.21.

Test Completion Date : 2019.09.06.

Sample name : MIGA LOUVER PANEL

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Tri-BDE	mg/kg	-	Not Detected	IEC 62321-6 Ed. 1.0 : 2015(GC/MS, Apply Correspondingly)
Tetra-BDE	mg/kg	-	Not Detected	IEC 62321-6 Ed. 1.0 : 2015(GC/MS, Apply Correspondingly)
Penta-BDE	mg/kg	-	Not Detected	IEC 62321-6 Ed. 1.0 : 2015(GC/MS, Apply Correspondingly)
Hexa-BDE	mg/kg	-	Not Detected	IEC 62321-6 Ed. 1.0 : 2015(GC/MS, Apply Correspondingly)
Hepta-BDE	mg/kg	-	Not Detected	IEC 62321-6 Ed. 1.0 : 2015(GC/MS, Apply Correspondingly)
Octa-BDE	mg/kg	-	Not Detected	IEC 62321-6 Ed. 1.0 : 2015(GC/MS, Apply Correspondingly)
Nona-BDE	mg/kg	-	Not Detected	IEC 62321-6 Ed. 1.0 : 2015(GC/MS, Apply Correspondingly)
Deca-BDE	mg/kg	-	Not Detected	IEC 62321-6 Ed. 1.0 : 2015(GC/MS, Apply Correspondingly)

- Next Page -

Kweon Deok Jun

Prepared by Kweon Deok Jun
 Tel : 02-2092-3792

Yang-Suek Bhang

Reviewed by Yang-Suek Bhang
 Tel : 1577-0091(ARS ①→④)

2019.09.06

Korea Testing & Research Institute

President *Kwon Oh-jung*



QR Code for forgery

Page : 3 of 4



TEST REPORT

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

TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2019-152031

Receipt Date : 2019.08.21.

Representative : ROH SANG CHEUL

Test Completion Date : 2019.09.06.

Company name : SHINILFRAME CO., LTD.

Address : 45, Hyuam-ro 117beon-gil, Wollong-myeon, Paju-si, Gyeonggi-do

Sample name : MIGA LOUVER PANEL

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
-----------	------	--------	--------	-------------

- Method Detection Limit -

Pb : 10 mg/kg

Cd : 1 mg/kg

Hg : 1 mg/kg

Cr(VI): 8 mg/kg

- Usage of Report : QUALITY CONTROL

- 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.
 2. This test report shall be used only within the purpose of its defined usage and shall not be used for public relation, advertisement and lawsuit.
 3. This test report is only valid when printed on KTR original report paper with hologram and when re-issued by KTR. The copy and the electronic file of the test report are only for reference.

Kweon Deok Jun

Prepared by Kweon Deok Jun

Tel : 02-2092-3792

Yang-Suek Bhang

Reviewed by Yang-Suek Bhang

Tel : 1577-0091(ARS ①→④)

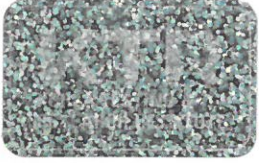
2019.09.06

Korea Testing & Research Institute

President *Kwon Oh-jung*



QR Code for forgery



TEST REPORT

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

TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2019-152031

Receipt Date : Aug.21.2019

Representative : ROH SANG CHEUL

Test Completion Date : Sep.06.2019

Company name : SHINILFRAME CO., LTD.

Address : 45, Hyuam-ro 117beon-gil, Wollong-myeon, Paju-si, Gyeonggi-do

Sample name : MIGA LOUVER PANEL

Sample Photo

