

Test Report

No. SHAFD2105845201

Date: 06 Apr 2021

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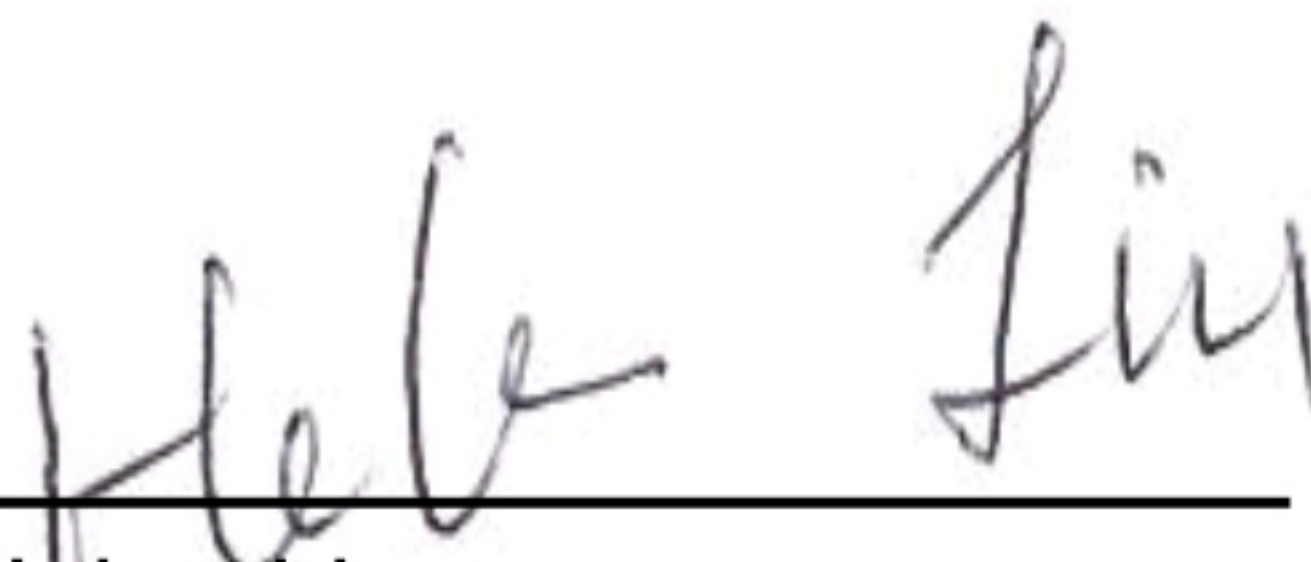
Jiangsu Xinfra Areospace New Materials Co.,LTD

No.9,Zhongyang Road,Xuanbao Town,Taixing,Jiangsu,China

The following sample(s) was/were submitted and identified on behalf of the clients as : PTFE coated Glass Fabric

SGS Job No. : NJAFFG210301280 ASH21-011203 - SH
Lot No. : 210301
Manufacturer : Jiangsu Xinfra Areospace New Materials Co.,LTD
Production Date : 16 Mar 2021
Date of Sample Received : 29 Mar 2021
Testing Period : 29 Mar 2021 - 06 Apr 2021
Test Requested : Selected test(s) as requested by client.
Test Method : Please refer to next page(s).
Test Results : Please refer to next page(s).

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.


Helen Liu

Approved Signatory

The results shown in this test report refer only to the sample(s) tested and for clients internal use only. This test report couldn't be used as social justice purpose.



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	SHA21-058452.001	White solid sheet	PTFE

Remarks :

- (1) mg/dm² = milligram per square decimeter
- (2) mg/kg = milligram per kilogram
- (3) °C= degree Celsius
- (4) < = less than
- (5) MDL = Method Detection Limit
- (6) ND = Not Detected (< MDL)

Overall migration

Test Requested : In accordance with Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments, to determine overall migration.

Test Method : With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1:2002 for selection of test methods;
EN 1186-3: 2002 aqueous food simulants by total immersion method;
EN 1186-14: 2002 substitute test;

Simulant Used	Time	Temperature	Max. Permissible Limit	Result of 001 Overall migration
10% Ethanol (V/V) aqueous solution	2.0hr(s)	70°C	10mg/dm ²	<3.0mg/dm ²
3% Acetic acid (W/V) aqueous solution	2.0hr(s)	70°C	10mg/dm ²	<3.0mg/dm ²
95% Ethanol	2.0hr(s)	60°C	10mg/dm ²	<3.0mg/dm ²
Isooctane	0.5hr(s)	40°C	10mg/dm ²	<3.0mg/dm ²

Notes :

- (1) Analytical tolerance of aqueous simulants is 2 mg/dm² or 12 mg/kg
- (2) Analytical tolerance of fatty food simulants is 3 mg/dm² or 20 mg/kg
- (3) Test condition & simulant were specified by client.
- (4) The test data is obtained by considering the articles intended for repeated use as per described in Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex V. Report the 3rd extractive result.
- (5) The test result is only for reference



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Specific migration of heavy metal

Test Requested : In accordance with Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments, to determine specific migration of heavy metal.

Test Method : With reference to EN13130-1: 2004; analysis was performed by ICP-OES.

Sample 001

Simulant Used : 3% Acetic acid (W/V) aqueous solution

Test Condition : 40 °C 0.5 hr(s)

<u>Test Item(s)</u>	<u>Max. Permissible Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>Test result</u>
Migration times	-	-	-	Third
Area/volume	-	dm ² /kg	-	6.0
Barium	1	mg/kg	0.25	ND
Cobalt	0.05	mg/kg	0.01	ND
Copper	5	mg/kg	0.25	ND
Iron	48	mg/kg	0.25	ND
Lithium	0.6	mg/kg	0.5	ND
Manganese	0.6	mg/kg	0.25	ND
Zinc	25	mg/kg	0.5	ND

Notes :

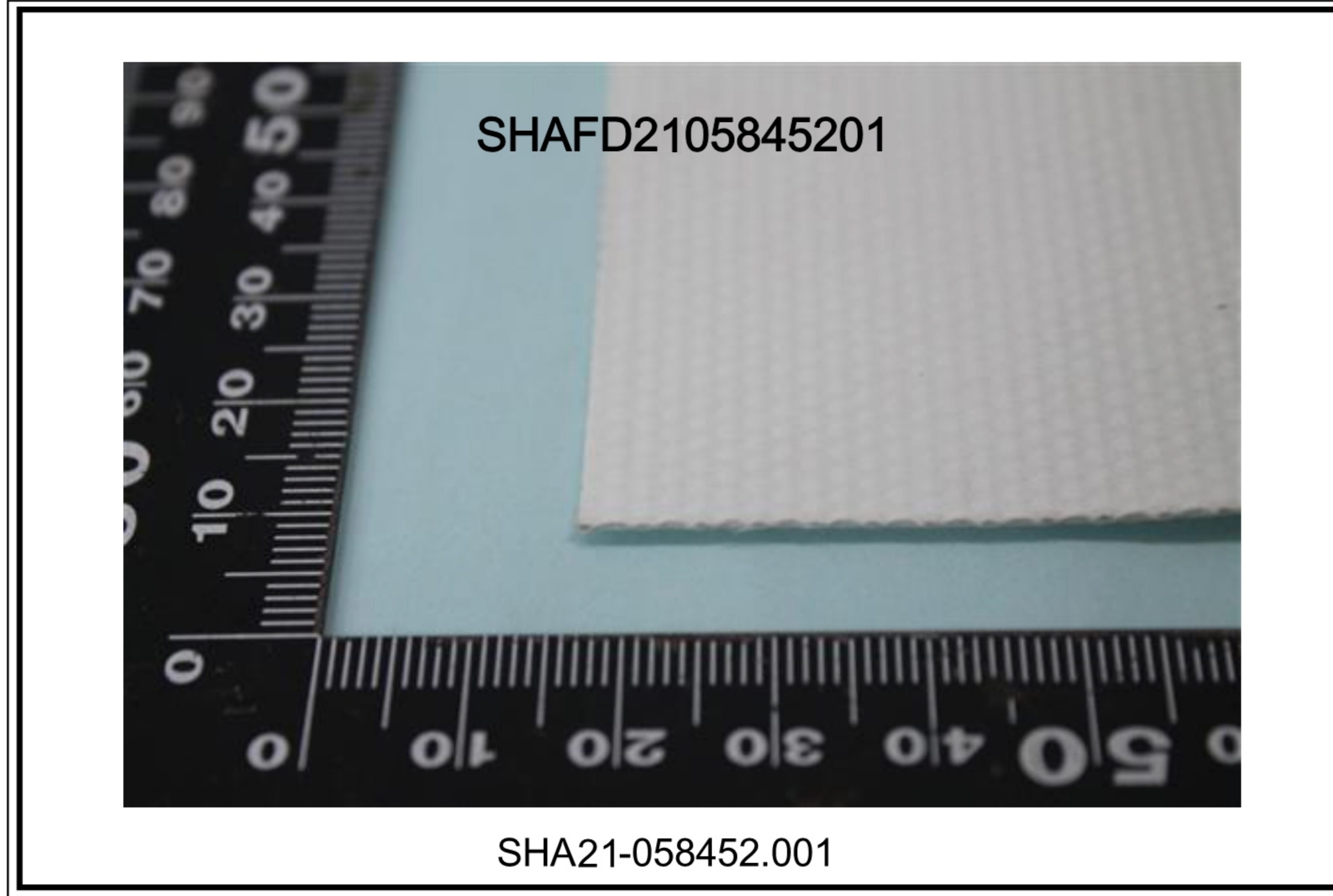
(1) Test condition & simulant were specified by client.



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Sample photo:



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*** End of Report ***



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