

Test Report No. CANEC2307030201 Date: 22 May 2023 Page 1 of 4

Client Name: SHENZHEN FENG HE XIN NEW MATERIAL TECHNOLOGY CO.,LTD Client Address: NO40#,JIANLONG,HENGGANG,LONGGANG,SHENZHEN,CHINA.

Sample Name: PA612 Brush Fibre

The above sample(s) and information were provided by the client.

SGS Job No.: CP23-021767 - SZ

Date of Sample Received: 16 May 2023

Testing Period : 16 May 2023 - 22 May 2023

Test Requested: Selected test(s) as requested by the client.

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).

Result Summary:

Test Requested	Conclusion
FDA 21 CFR 177.1500–Maximum extractable fraction	See Results
FDA 21 CFR 177.1500–Specific gravity at 23°C	See Results
FDA 21 CFR 177.1500–Solubility in boiling 4.2N HCI	See Results
FDA 21 CFR 177.1500-Melting Point	See Results

Signed for and on behalf of SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

ly Ron

Ivy Ren

Approved Signatory





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Test Result(s):

Test Part Description:

Specimen No. SGS Sample ID Description Material

(claimed by the client)

SN1 CAN23-070302.001 White material PA612

FDA 21 CFR 177.1500-Maximum extractable fraction

Test Method: With reference to US FDA 21 CFR 177.1500.

Simulant Used	<u>Time</u>	<u>Temperature</u>	Max. Permissible Limit	Result of 001
Benzene	8hr(s)	Reflux temperature	0.5%(w/w)	0.36%(w/w)
Distilled Water	8hr(s)	Reflux temperature	0.50%(w/w)	0.43%(w/w)
Ethyl Acetate	8hr(s)	Reflux temperature	0.50%(w/w)	<0.05%(w/w)
95% Ethyl Alcohol	8hr(s)	Reflux temperature	1.5%(w/w)	0.94%(w/w)

Notes:

1. %w/w = percentage of weight by weight

FDA 21 CFR 177.1500-Specific gravity at 23°C

Test Method: With reference to US FDA 21 CFR 177.1500.

 Test Item(s)
 Limit
 001

 Specific gravity at 23°C
 1.045 – 1.075
 1.074

FDA 21 CFR 177.1500-Solubility in boiling 4.2N HCI

Test Method: With reference to US FDA 21 CFR 177.1500.



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Test Item(s) <u>Limit</u> <u>001</u>

Solubility in boiling 4.2N HCl,1hr Insoluble after 1hr Insoluble

FDA 21 CFR 177.1500-Melting Point

Test Method: With reference to US FDA 21 CFR 177.1500.

 Test Item(s)
 Limit
 001

 Melting Point(°F)
 406 – 420
 417.6

Remark:Limit = Reference limit. The test sample is out of scope of the standard.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.



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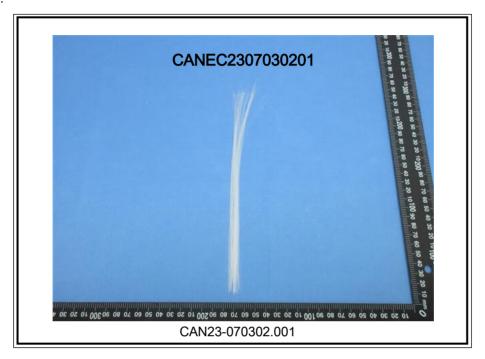


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Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***



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