

# TEST REPORT

No. : SUIN2110009027MR

Date : Nov 04, 2021

Page: 1 of 6

scan to see the report



CUSTOMER NAME: JF POLYMERS (SUZHOU) CO. LTD.  
ADDRESS: HAICHENG INDUSTRIAL PARK, BUILDING 7, CHANGSHU ECONOMIC DEVELOPMENT ZONE (CEDZ) , CHANGSHU, JIANGSU PROVINCE, CHINA. 215513

Sample Name : PolyMax™ PC-FR ( black )

Product Specification : 125mm\*13mm\*1.5mm

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

\*\*\*\*\*

SGS Ref. No. : SUIN2110009015PS

Date of Receipt : Oct 22, 2021

Testing Start Date : Oct 22, 2021

Testing End Date : Nov 04, 2021

Test result(s) : For further details, please refer to the following page(s)  
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for  
SGS-CSTC Standards Technical  
Services Co., Ltd. Suzhou Branch

*Coral Xie*

Coral Xie  
Authorized signatory



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## Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Vertical Burning	IEC 60695-11-10:2013/Cor.1:2014 Method B	Classification: V-0	Pass

Note: Pass : Meet the requirements;  
 Fail : Does not meet the requirements;  
 / : Not Apply to the judgment.



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Test Item: Vertical Burning

Sample Description: Black sample

Test Method: IEC 60695-11-10:2013/Cor.1:2014 Method B

Test Condition:

Specimen: 124.39 mm × 13.16 mm × 1.393 mm

Test Result:

Conditioning	As received : (23±2)°C, (50±5)%RH, 48h					Ageing: (70±2)°C, 168h→ Desiccator, (23±2)°C, 4h				
Specimen	1	2	3	4	5	1	2	3	4	5
Afterflame time after the first flame application (s), t <sub>1</sub>	2.6	0	1.3	0	0	0	0.9	0	1.0	0.7
Afterflame time after the second flame application (s), t <sub>2</sub>	6.9	8.7	3.9	7.7	1.1	3.4	8.6	2.9	5.2	4.8
Afterglow time after the second application (s), t <sub>3</sub>	0	0	0	0	0	0	0	0	0	0
Total set afterflame time for any conditioned set of five specimens (s), t <sub>f</sub>	32.2					27.5				
Individual test specimen afterflame time plus afterglow time after the second application (s), t <sub>2</sub> +t <sub>3</sub>	6.9	8.7	3.9	7.7	1.1	3.4	8.6	2.9	5.2	4.8
Afterflame and/or afterglow of any specimen burned to the holding clamp	No	No	No	No	No	No	No	No	No	No
Cotton indicator pad ignited by flaming particles or drops	No	No	No	No	No	No	No	No	No	No

Classification: V-0 (See table 1)

Client's Requirement: V-0

Conclusion: Pass



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Table 1:

Criteria conditions	V-0	V-1	V-2
Individual test specimen afterflame time (t <sub>1</sub> , t <sub>2</sub> )	≤10 s	≤30 s	≤30 s
Total set afterflame time t <sub>f</sub> for any conditioned set of five specimens	≤50 s	≤250 s	≤250 s
Individual test specimen afterflame time plus afterglow time after the second flame application (t <sub>2</sub> +t <sub>3</sub> )	≤30 s	≤60 s	≤60 s
Afterflame and/or afterglow of any specimen burned to the holding clamp	No	No	No
Cotton indicator pad ignited by flaming particles or drops	No	No	Yes

Test Photo:

	
During test- Ageing	During test-As received



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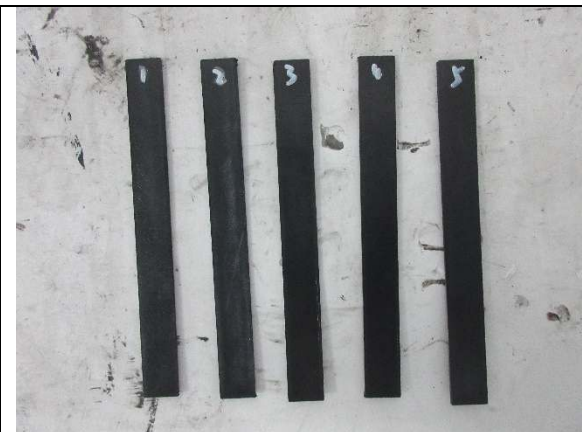
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During test- After ageing



Before test



After test-As received



After test-After ageing



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## Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Horizontal vertical flame chamber	HVUL2	SUZMR-152	2021-06-17	2022-06-16
Oven	UF-260PLUS	SUZMR-222	2021-01-04	2022-01-03

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\*\*\*\*\* End of report\*\*\*\*\*



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