CBT

CMA 202419120184

ilac-MRA

CNAS 中国认可 检测 TESTING CNAS L23122

Inspection Report

Report No：CBT30406071086

Sample Name：	**Bisphenol A vinyl ester FRP grating**
Sample Model：：	19x19/*38*38 thickness 30
Inspection Category：	Entrusted testing
Entrusting Unit：	Nantong Mach's Composite Material Co.,Ltd.

Guangdong Baotong Quality Inspection Co., Ltd.

z0IpyVJ KXxmY31

Address: Factory 802, Building 22, CIMC Intelligent Manufacturing Center, No.15 Shunye West Road, Xingtan Town, Shunde District, Foshan City, Guangdong Province Postal Code: 528325 Tel: 4007057668
Email: service@zzjc-lab.com Website: http://www.zzjc-lab.com

Declaration

1、The report is invalid if the designated stamp location lacks a testing and inspection seal or the official seal of the testing unit.

2、This report may not be reproduced in part without permission. Reproduced copies of the report are invalid unless they bear the red inspection and testing seal or the official seal of the testing organization.

3、Reports without the signatures ofthe principal examiner, reviewer, and approver are invalid, and reports with alterations are also invalid.

4、If you have any objections to this report, please submit your written comments to the testing agency within fifteen days of receiving the report. Objections submitted after this period will not be accepted.

5、The results of this report are only valid for the samples submitted.

Inspection Summary			
Sample Name	Bisphenol A vinyl ester FRP grating	Entrusting Unit	Nantong Mach's Composite Material Co.,Ltd.
Sample Model：	19x19/*38*38 thickness 30	Entrusting UnitAddress	No. No.288， Huanghai Road, Nantong City, Jiangsu Province, P.R.China
Trademark	/	Producer(Manufacturer)	Nantong Mach's Composite Material Co.,Ltd.
Quantity	50PCS	Producer(Manufacturer)Address	No. No.288， Huanghai Road, Nantong City, Jiangsu Province, P.R.China
Additional Model No	/		
Additional Model	01	Inspection Category	Entrusted testing
Sample Status	good	Inspection Category	Intact
Sample Submission Date	November 10, 2025	Inspection Date	November 10, 2025 to January 30, 2026
Inspection Location	Factory 802, Building 22, CIMC Intelligent Manufacturing Center,No.15 Shunye West Road, Xingtan Town,Shunde District, Foshan City, Guangdong Province, P.R.China		
Inspection Basis	Customer Entrusted Technical Inspection		
Inspection Items	See next page for test details		
Inspection Results	All tested items meet the requirements of the testing standards		
TestConclusion	Qualification		

Principal Inspector : Huang Weiqian	Date： January 30, 2026	Guangdong Baotong Quality Inspection Co., Ltd. (Seal)
Reviewer: Huang Nan	Date： January 30, 2026	
Approver: Lu Hongling	Date： January 30, 2026	

No	Test Items	Detection method	Unit	Result	Conclusion
1	Glass fiber content	ISO 1172:2023	%	32%	Qualification
2	Resin Content	ISO 1172:2023	%	66%	Qualification
3	Mechanical properties (Barcol hardness)	ASTM D2583-25	/	42	Qualification
4	Anti-slip properties	BGR 181	/	R13	Qualification
5	Flame retardant performance (oxygen index)	GB/T 8624-2012	%	28	Qualification
6	Physical properties (density)	ISO 1183-1:2019	g/cm^3	1.85	Qualification
7	Physical properties (water absorption rate)	ASTM D570-22	%	0.2	Qualification
8	Physical properties (heat distortion temperature)	ASTM D7028-07	°F	225	Qualification
9	Horizontal combustion	ASTM D635-10	/	HB	Qualification
10	Tensile Modulus	ASTM D3039 / GB/T 1447-2005	GPa	21	Qualification
11	Flexural Strength	ASTM D790 / GB/T 1449-2005	MPa	487	Qualification
12	Flexural Modulus	ASTM D790 / GB/T 1449-2005	GPa	21.9	Qualification
13	Compressive Strength	ASTM D695 / GB/T 1448-2005	MPa	363	Qualification
14	Compressive Modulus	ASTM D695 / GB/T 1448-2005	GPa	22	Qualification
15	Impact Toughness	ASTM D256 / GB/T 1451-2005	kJ/m^2	213	Qualification
16	Short-Beam Shear Strength	ASTM D2344 / GB/T 1450.1-2005	MPa	32.6	Qualification

No	Test Items	Detection method	Unit	Result	Conclusion
17	Surface Resistivity	ASTM D257 / GB/T 1410-2006	Ω	8.62×10^{7}	Qualification
18	Volume Resistivity	ASTM D257 / GB/T 1410-2006	Ω·cm	1.39×10^{9}	Qualification
19	Dielectric Strength	ASTM D149 / GB/T 1408.1-2006	kV/mm	7.21	Qualification
20	Degree of Cure	ASTM D4944 / GB/T 2576-2005	%	88.9	Qualification

---------End of Text---------