



中国认可
国际互认
检测
TESTING
CNAS L1049

National Test Center of Polymer & Building Materials

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No. WT2024-070

CUSTOMER: Haoyang Environmental Co.,Ltd

SAMPLES FOR TESTING

Name: 300g/m² filament non-woven geofabric

Manufacturer: Haoyang Environmental Co.,Ltd

DATE OF RECEIPT: 2024-03-21

ISSUE DATE: 2024-04-05

THIS REPORT COMPRISES 5 PAGES



DIRECTOR: 杨绍培

CHECK: 潘敏

Test report

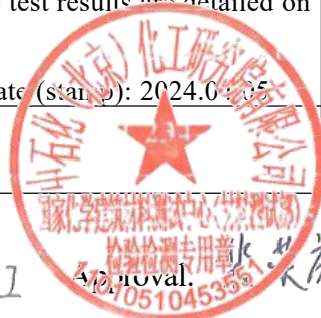
Report number: WT2024-070

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Product name	filament non-woven geofabric	Inspection category	Entrusted inspection
Entrusted unit	Haoyang Environmental Co.,Ltd	Specification and model	PET 18-6-300-2.2
Production unit	Haoyang Environmental Co.,Ltd	Sample level	/
The number of samples	6m×1m	Sample number	WTYP2024CSZC070
Sample delivery personnel	Yu Xinghua	Sample receipt date	2024.03.21
Sample product Characteristics and status	Flat and undamaged	Sample collection location	Business hall
Inspection conditions	20°C,65%RH	Date of inspection	2024.03.22 2024.04.05
The basis of inspection	GB/T 17639-2023 《Geosynthetics filament spunbond needle-punched nonwoven geotextile》		
Inspection requirements	Unit area mass deviation rate, width deviation rate, thickness, tensile strength, elongation under maximum load, tear strength, CBR bursting strength, equivalent pore size 0 ₉₅ , vertical permeability coefficient		
Test conclusion	The samples tested are tested in accordance with the test items, technical requirements and corresponding national standards required by the client. The test results are detailed on page 2. Report date (stamp): 2024.04.05		
Complete Pour	Only responsible for samples.		

Chief Inspector: 纪艳玲

Review: 孟红红



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Serial number	Inspection items	Technical indicators	Test results	Single item evaluation	
1	Width deviation rate(%)	6m, -0.5	6.01m, 0.2	Pass	
2	Unit area mass deviation rate(%)	300g/m, -5	302g/m ² , +0.7	Pass	
3	Thickness (mm)	≥2.2	2.28	Pass	
4	Tensile strength (kN/m)	From south to north	≥18	21.5	Pass
		Crosswise	≥18	20.6	Pass
5	Elongation at maximum load (%)	From south to north	30~80	54.3	Pass
		Crosswise	30~80	56.8	Pass
6	CBR bursting strength(kN)	≥2.9	3.5	Pass	
7	Tear strength(kN)	From south to north	≥0.43	0.48	Pass
		Crosswise	≥0.43	0.45	Pass
8	Equivalent pore size 0 ₉₅ (mm)	0.05~0.30	0.13	Pass	
9	Vertical permeability(cm/s)	K × (10 ¹ ~ 10 ¹ "), K=1.0~9.9	2.64 × 10 ¹	Pass	
Complete Pour:	Only responsible for samples.				



Chief Inspector: 纪艳玲

Review: 孟红红

Approval: 水芙蓉

