



国家化学建筑材料测试中心  
NATIONAL  
TEST CENTER  
OF CHEMICAL AND  
BUILDING MATERIALS



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. WT2023-003

CUSTOMER: Haoyang Environmental Co., Ltd

### SAMPLES FOR TESTING

Name: 200g/m<sup>2</sup> Staple fiber non-woven geotextile

Manufacturer: Haoyang Environmental Co., Ltd

DATE OF RECEIPT: 2023-01-05

ISSUE DATE: 2023-01-10

THIS REPORT COMPRISES 5 PAGES



DIRECTOR: 杨红皓

CHECK: 潘焱



# Test report

Report number: WT2023-003

Total 2pages, Page 1

Product name	Staple fiber non-woven geotextile	Inspection category	Entrusted inspection
Entrusted unit	Haoyang Environmental Co., Ltd	Specification and model	SNG-PET-8-6
Production unit	Haoyang Environmental Co., Ltd	Sample level	/
The number of samples	6m×1m	Sample number	WTYP2023DSZC003
Sample delivery personnel	Gao Feng	Sample receipt date	2023. 01. 04
Sample product Characteristics and status	Flat and undamaged	Sample collection location	Business hall
Inspection conditions	20℃, 65%RH	Date of inspection	2023. 01. 05 2023. 01. 12
The basis of inspection	GB/T 17638-2017 《Geosynthetics Staple Fiber Needle Punched Nonwoven Geotextile》		
Inspection requirements	Mass per unit area, thickness deviation rate, breaking strength, breaking elongation, tear strength, CBR bursting strength, equivalent pore size, vertical permeability coefficient.		
Test conclusion	The inspected items are tested in accordance with the inspection items, technical requirements and corresponding national standards required by the client. The inspection results are detailed on page 2.  Report issuance date (stamp): 2023.1.12		
Complete Pour	Only responsible for samples.		

(北京)  
建筑材料  
检验检测  
105



Chief Inspector: 纪艳玲

Review: 孟红红

Approval: 张荣庆

Date: 2023.1.12

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Serial number	Inspection items	Technical indicators	Test results	Single item evaluation	
1	Mass per unit area (g/m <sup>2</sup> )	≥200	204	Pass	
2	Thickness deviation rate (%)	±10	3.5	Pass	
3	Breaking strength (kN/m)	From south to north	28	9.3	Pass
		Crosswise	≥8	8.9	Pass
4	Elongation at break (%)	From south to north	20~100	58	Pass
		Crosswise	20~100	62	Pass
6	Tear strength (kN)	From south to north	20.20	0.27	Pass
		Crosswise	≥0.20	0.23	Pass
7	CBR bursting strength (kN)	≥1.4	1.6	Pass	
8	Equivalent pore size 0 <sub>95</sub> (mm)	20.05	0.09	Pass	
9	Vertical permeability coefficient (cm/s)	≥3.2×10 <sup>-2</sup>	3.1×10 <sup>-</sup>	Pass	
Complete Pour	Only responsible for samples.				



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Review: 孟红红

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