



国家高分子材料质检中心



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中国认可
国际互认
检测
TESTING
CNAS L10568

Inspection and testing report

No. 2025-GC-0574

Product name: Straight water blocking plate

Testing Unit: /

Submission Unit: RUI SEN DEVELOPMENT LIMITED

Type of test: Submitting Testing

National Polymer Materials Quality Supervision and
Inspection Center (Anhui)
Anhui Functional Polymer Materials Analysis
Research Co., Ltd



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Product name	Straight water blocking plate		Trademark	DENILCO	
Product Drawing No	June 2025		Specifications Type	DZ75	
Unit under inspection	/				
Manufacturer	/				
Trustee name and address	RUI SEN DEVELOPMENT LIMITED//No. 200 Xinglong Street, Suzhou Industrial Park, Jiangsu Province				
Sampling unit	/				
Sampling date	/	Identify category	Submitting Testing	Sample arriving date	June 9, 2025
number of samples	1 Pcs	Lot size	/	Test items	Total 14
Sample grade	/	Number of Sample	2025-GC-0574	Sample status	normal
Criterion	GB/T2411-2008 《Plastics and ebonite-Determination of indentation hardness by means of a durometer(shore hardness)》;GB/T1033.1-2008 《Plastics-Methods for determining the density of non-cellular plastics-Part 1:Immersion method,liquid pyknometer method and titration method》;GB/T6040-2019 《General rules for infrared analysis》;GB10009-1988 《Acrylenitripen-Butadiene-Styrene(ABS) plastics extrusion plates》;GB/T1040.2-2022 《Plastics-Determination of tensile properties-Part 2:Test conditions for moulding and extrusion plastics》; GB/T16422.3-2022 《Plastics-Methods of exposure to laboratory light sources-Part 3:Fluorescent UV lamps》; GB/T9341-2008 《Plastics-Determination of flexural properties》; GB/T1043.1-2008 《Plastics-Determination of charpy impact properties-Part 1:Non-instrumented impact test》; Laboratory recommended testing methods.				
Inspect date	June 9, 2025~June 17, 2025		Test place	Laboratory	
Test results	The inspection values of this sample are shown in the attached page. (The copy report is not covered with a red "detection special chapter" is invalid)				
Remarks	UV aging test conditions: Type II UVB-313 fluorescent UV lamp, alternating between 8-hour irradiation exposure at 60 °C and 4-hour non irradiation cold shower exposure at 50 °C, with an irradiance of 0.63W/(m ² . nm) and a test time of 48 hours				



Approval: 吴雁志 Review: 江小平 Plait: 汪美凤

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NO	Test items		Limit	Test result	Single evaluation	Test method
1	Exterior inspection		/	The appearance is a red L-shaped structure with a mortise and tenon structure, and there are anti slip rubber strips and water stop rubber strips at the bottom	---	Range estimation
2	Dimensions (Longest point)	Bottom length	/	853 mm	---	GB10009-1988 (5.3)
		Width	/	1000 mm	---	GB10009-1988 (5.3)
		High	/	771 mm	---	GB10009-1988 (5.3)
3	Average thickness		/	5.5 mm	---	GB10009-1988 (5.3)
4	Weight		/	9.6 kg	---	Weighing
5	Shore hardness		/	79 HD	---	GB/T2411-2008
6	Density		/	1.044 g/cm ³	---	GB/T1033.1-2008 (Immersion method)
7	Tensile strength (1B,50mm/min)		/	45.9 MPa	---	GB/T1040.2-2022
8	Elongation at break (1B,50mm/min)		/	16 %	---	GB/T1040.2-2022
9	Flexural Strength (2mm/min)		/	67.4 MPa	---	GB/T9341-2008
10	UV aging (48 hours)		/	There is no significant change in the appearance of the sample	---	GB/T16422.3-2022
11	Notched impact strength of simply supported beams		/	49 kJ/m ²	---	GB/T1043.1-2008
12	Material identification		/	ABS	---	GB/T6040-2019

安徽功能高分子材料分析研究所
2025

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Sample Appearance



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