



180002240585

# National Test Center of Polymer & Building Materials



中国认可  
检测  
TESTING  
CNAS L1049

Address: No. 14, Beisanhuandonglu, Chaoyang district, Beijing, China Post Code : 100013  
Tel: +86(0)1064208747, +86(0)1064200694, +86(0)1064224642, +86(0)1059202479  
Fax: +86(0)1059202784, +86(0)1084290301 Web site: www.plastic-test.net

No.2019(C)05077

CUSTOMER: Suzhou TECON Construction Technology Co., Ltd.

## SAMPLES FOR TESTING

Name: Hollow Plastic Shuttering

Specification: 1220mm × 1220mm × 18mm

Manufacturer: Suzhou TECON Construction Technology Co., Ltd.

Appearance: Grayish white

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THIS REPORT COMPRISES 2 PAGES.



DIRECTOR: 胡孝义

CHECK: 潘颖



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TESTING RESULTS

No.2019(C)05077

No.	Test Items	Requirements	Results	Test methods
1	Appearance	<p>Plate surface: smooth and flat, no cracks, no scratches, no obvious impurities and undispersed accessories;</p> <p>Ripples and stripes: non obvious;</p> <p>Grooves: It is permitted to have two grooves having depth no more than the thickness limit deviation and width no more than 10mm, in the area having distance to the longitudinal edge of the plate of no more than one fifth of the width of the plate.</p> <p>Concave and convex: There should be no concave or convex structure having size of more than 1mm, and there should be no more than 5 per square meter slightly concave or convex structures having size of less than 10 mm x 10 mm, and these structures should be dispersed.</p> <p>Lack of material marks: no obvious lack of material marks;</p> <p>Scratches: Slightly hand-felt scratches are permitted, however these scratches should not form network.</p>	Pass	JG/T 418-2013 6.2 <sup>®</sup>

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Test: 郭书超 王其林 丁树岩



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TESTING RESULTS

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No.	Test Items		Requirements	Results	Test methods
2	Shore hardness (D)		≥58	65	GB/T 2411-2008
3	Charpy un-notched impact strength, kJ/m <sup>2</sup>		≥30	34.9 (C)	GB/T 1043.1-2008
4	Flexural strength, MPa		≥30	52.8	GB/T 9341-2008
5	Flexural modulus of elasticity, MPa		≥3000	3.76×10 <sup>3</sup>	GB/T 9341-2008
6	Heat reversion, %	transverse	±0.2	-0.1	JG/T 418-2013 7.2.7
		longitudinal	±0.2	-0.2	JG/T 418-2013 7.2.7
7	Water absorption, %		≤0.5	0.05	GB/T 1034-2008
8	Main components		/	PP+Talc	JY/T 001-1996

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