



2009000585E

# National Test Center of Polymer & Building Materials



检测  
CNAS L1049

Address: No. 14, Beisanhuandonglu, Chaoyang district, Beijing, China Post Code: 100013  
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No.2008(X)1334

CUSTOMER: SHANDONG FANGXING BUILDING MATERIALS CO., LTD.

### SAMPLES FOR TESTING

Name: FANGXING TILE (POLYMER RESIN ROOF TILE)

Manufacturer: SHANDONG FANGXING BUILDING MATERIALS CO., LTD.

Appearance: Grey

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## TESTING RESULTS

No. 2008(X)1334

No.	Test Items		Requirements	Results
1	<b>Before aging</b>			
		Charpy impact strength(notched), kJ/m <sup>2</sup>	/	7.9
	Colour	L*	/	35.13
		a*	/	28.87
b*		/	11.52	
2	<b>After 12000h aging</b>			
		Retention of charpy impact strength (notched), %	≥60	74.4
	Colour fastness	ΔE*	≤5	2.23
<p><b>Note:</b> Standard of aging: GB/T 16422.2-1999(idt ISO 4892-2:1994), Method A.  Condition of aging:  Light Source: Xenon ARC light      Irradiance : 550W/m<sup>2</sup>  Wavelength: 290nm~800nm      Black-panel temperature: (65±3)°C  Relative humidity: (50±5)%      Aging time: 12000h  Spray cycle: 18min water spray/102min dry</p>				

### CONCLUSIONS

The samples of the product referred to in this report have been tested in accordance with the specification GB/T 8814-2004 "Unplasticized polyvinyl chloride(PVC) profiles for doors and windows". The above items meet the requirements of the standard.

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Test: 胡孝义 王桂玲