



2012000585E

# 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.2013(X)01039*

**CUSTOMER:** China Liansu Group

### *SAMPLES FOR TESTING*

Name: PVC-U Profiles for Windows and Doors

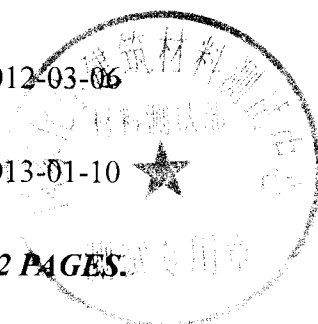
Manufacturer: Heshan liansu Industrial Development Co., LTD

Appearance: White

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**DIRECTOR:** 李生健

**CHECK:** 杨明浩



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## TESTING RESULTS

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No.	Test Items		Requirements	Results
1	Charpy impact strength (double-notched), kJ/m <sup>2</sup>		/	67.4
2	Color coordinate	L*	/	94.41
		a*		-0.60
		b*		1.57
3	Artificial Xenon Weathering Resistance(6000h)			
	Retention of Charpy impact strength (double-notched), %		≥60	73.1
	Color Difference	ΔE*	≤5	4.16
		Δb*	≤3	2.64

### 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-U) profiles for doors and windows". The above items meet the requirements of the standard.

Note 1: 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)%

Spray cycle: (102±0.5) min dry / (18±0.5) min water spray

Note 2: Color change measurement: CIE illuminant D65, d/8 including specular reflection.

Test: 胡孝义 武鹏

