

Test Report

Model/Size: 3*0.2*1500*3050mm

Batch No: A011801041B01

Colour: pure white/sparkling silver

Batch Size: 550

Producing Date: 2017/12/13

Sampling Date: 2017/12/13

Testing Condition: T&H: 23°C 60 %

Document No: GB/T2790

Test Items		Requirements of Standard	Test Results	Individual Conclusion	Remarks
Film thickness	Avg.	$\geq 16 \mu\text{m}$	16	Pass	
	Min.	$\geq 14 \mu\text{m}$	15	Pass	
Gloss tolerance		≤ 10	3	Pass	
Surface pencil hardness		$\geq \text{HB}$	2H	Pass	
Coating flexibility		$\leq 3\text{T}$	2T	Pass	
Coating adhesion	cross cut test	Class 0	0	Pass	
	test by scratch	Class 1	1	Pass	
Impact resistance		$\geq 30\text{kg}\cdot\text{cm}$	No paint drop, no crack	Pass	
Solvent resistance		100 times (No base exposed)	No change	Pass	
Hydrochloric acid resistance		5% HCl. No change	No change	Pass	
Alkali resistance		5% NaOH. No change	No change	Pass	
180° peel strength	Avg.	$\geq 4.0\text{N}/\text{mm}$	5	Pass	
	Min.	$\geq 3.0\text{N}/\text{mm}$	4	Pass	
Boiling water resistance		98°C±2°C, 4h No abnormalities	No abnormalities	Pass	
Colour uniformity		$\Delta E \leq 2.0$	0.2	Pass	
General conclusion		■ Pass			