

## Spec ALCOPAN

PROPERTIES					
No	Item		Indicator	Result	Standard
1	Gloss	Gardner 60°	≤ 10	37°	GB/T22412
2	Color difference		ΔE < 2.0	0.25	GB/T22412
3	Coating thickness		≥ 14 μm	18 – 19 μm	GB/T22412
4	Impact strength		No cracking	Pass	GB/T22412
5	Pencil hardness		≥ HB	H	GB/T22412
6	Adhesion	Circle	Grade 1	Grade 1	GB/T22412
7	Toughness properties	T Bend	≤ 4T no cracking	2 T	GB/T22412
8	Water resistance	98 ± 2°C	2 hr normal	2 hr	GB/T22412
9	Solvent resistance	MEK	≥ 200x	> 200x	GB/T22412
10	Acid resistance	2% HCL	24hrs no change		GB/T22412
11	Alkali resistance	Saturated Ca(OH) <sub>2</sub>	24hrs no change		GB/T22412
12	Oil resistance	20 # machine oil	24hrs no change		GB/T22412

## Spec MACO

Code	5SZM9091-2				
Coating type	PVDF				
Size	0.3mmx1240mm				
Batch no	8302402806		Layer	3 layer 3 baked	
Weight (kg)	2821		Sampling position	End roll	
No	Item	Standard	Result	Status	Remark
1	Coating thickness	25 μm	25 μm	√	
2	Gloss 60°		28.80%	√	
3	Coating hardness	≥ HB	H	√	
4	Toughness	PVDF ≤ 2T	2 T	√	
5	Adhesion	Grid method	Grade 1	√	
6					
7	Scriber	≥ Grade C	Grade B		
8	Impact strength	No crack No delamination	Pass	√	1 kg x 50cm
9	Solvent resistance	PVDF ≥ 100	≥ 200	√	
10	Color	Not Obvious	Pass		
11	Appearance	Good			
Remarks :				Conclusion	<b>Pass</b>

