

# REEDEE.Co., Ltd.

### PPF06-85 PHYSICAL PROPERTIES

#### Main features:

- \* Full coverage of factory car paint, isolation protection for a long time
- \* Prevent car paint scratch, prevent car paint
- X Self-repair of corrosion scratches, improve brightness of paint surface
- **%** Good weather resistance and aging resistance

#### **Product structure:**

Protective layer 50±5μm			
Self -repairing film 8±2μm			
TPU 180±5μm		Usage thickness:	210± 15μm
PSA 25±3µm			
Release liner 75±3μm			

## Physical parameter:

Test items	unit	Scope range	Test instrument	Test method	
thickness	mil	≥8.5	Sanfeng H0530 digital display micrometer	GBT/29061	
elasticity modulus	Kgf/cm²	≤500	Electronic tensile testing machine	ASTM D-882	
Elongation at fracture of coating	%	≥ 100%	Electronic tensile testing machine	STM D-882	
Initial adhesion	N/in	5≤F≤15	Tension meter	FINAT3	
Permanent adhesion	N/in	10≤F≤30	Tension meter	FINAT3	
Water transport	0	>80<100	Droplet Angle tester	GB/T 30693-2014	
The fouling resistance	/	Mild residual	M&g MG-2110 marker	Smear with marker, wipe with alcohol after drying	
Scratch resistance	/	no scratch	Fine copper brush	A fine copper brush of 200g/cm2 for scraping 10 time	
Fixing performance	S	≤5	Fine copper brush, hot water, baking gun	A fine copper brush of 200g/cm2 for scraping 10	
				Use hot water or hot air around 70°C To repair	
Aging resistance	/	△E≤2 no turtle crack, no bubbling	QUV Aging tester	QUV (0.5W, 40°C, 360nm, 120 Minutes to turn, spray 18 minutes), 3200 hours	

<sup>•</sup> important note: The above is only a reference value, not guaranteed value!

Office Address: Room 701, No 116-2, Guanlan Avenue, Fucheng Street, Longhua District, Shenzhen China TEL:+86 755-23702112 Factory Address: One of No.1 Sima Industrial Second Road, Changping Town, Dongguan China TEL:+86 769-81188755/81188765