

REEDEE.Co., Ltd. **PPF04-75 PHYSICAL PROPERTIES**

Main features:

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

Product structure :

Protective layer 50±2µm			
Self repairing 8±2µm			
TPU 150±5μm	~		
PSA 30±3µm		Usage thickness:	190± 15µm
Release liner 92±3µm	J	8	

Physical parameters:

indicator	unit	Scope range	Test instrument	Test method	
thickness	mil	≥7.5	Sanfeng H0530 digital display micrometer	GBT/29061	
elasticity modulus	Kgf/cm ²	≤450	Electronic tensile testing machine	ASTM D-882	
Elongation at fracture of coating	%	≥100%	Electronic tensile testing machine	STM D-882	
Initial adhesion	N/in	15≤F≤25	Tension meter	FINAT3	
Permanent adhesion	N/in	20≤F≤25	Tension meter	FINAT3	
Water transport	0	>70,<90	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	

• important note: The above is only a reference value, not guaranteed value!

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