

PPF03-95 Physical properties

Main features:

- ※ All-round coverage of car paint, isolation protection is long-lasting and effective
- ※ Prevent car paint scratches and prevent car paint from fading
- ※ Self-repair of corrosion and scratches, improve paint brightness
- ※ Good weather resistance and aging resistance

Product structure:

Protective layer	50±2μm	} Use layer thickness:240±10μm
Self-healing	8±2μm	
TPU	150±5μm	
PSA	30±3μm	
Release film	92±3μm	

Physical properties :

Index	Unit	Range	Test Instrument	Testing Method
Thickness	mil	≥9.5	Mitutoyo H0530 Digital Dial Indicator	GBT/29061
Elastic Modulus	Kgf/cm ²	≤350	Electronic tensile testing machine	ASTM D-882
Coating breakage Elongation	%	≥100%	Electronic tensile testing machine	STM D-882
Initial Tack	N/in	20≤F≤30	Tension meter	FINAT3
Sticky Force	N/in	20≤F≤35	Tension meter	FINAT3
Water Transfer	°	>70, <90	Water drop angle tester	GB/T 30693-2014
Anti-fouling Properties	/	Slight residue	Chenguang MG-2110 marker pen	Apply with a marker and wipe with alcohol after drying
Scratch Resistance	/	no scratches	fine copper brush	10 scratches with a fine copper brush with a load of 200g/cm ²
Repair Performance	S	≤5	Fine copper brush, hot water, baking gun	Scratch 10 times with a fine copper brush with a load of 200g/cm ² , Repair with hot water or hot air around 70°C
Aging Resistance	/	ΔE≤2 No cracking or blistering	QUV Aging Tester	QUV (0.5W, 40°C, 360nm, 120 min 3200 hours)
Anti-aging Oil Cleaning Performance	/	2minutes without fog	Branded carburetor cleaner	The product is attached to the car paint cover and sprayed with cleaning agent

●Note: The above are only reference values, not guaranteed values.