

Nano Coatings

PF-360 iPhone Screen Anti-fingerprint waterproof coating

DESCRIPTION

PF-360 is a high-performance nano-self-cleaning agent of fluorosilicone resin, which is mainly used for surface treatment of 3C industrial glass such as mobile phone screen. The active ingredients of the product can form nano-scale ultra-thin transparent coating on the surface of the substrate, which has excellent waterproof, oil-proof, easy cleaning and corrosion-proof functions.

TYPE

iPhone screen self-cleaning nano coating

KEY

- Excellent wear resistance
- Strong Hydrophobic Oil Removal
- Durable Antifouling and Antibacterial

FEATURES

TYPICAL	Appearance	Colorless clear liquid
	PROPERTIES	Water contact angle (°)
	Film thickness(nm)	10-20
	Density (g/cm ³ at 20°C)	1.4-1.8
	Curing temperature (°C)	130-160
	Curing time (min)	15-30

PERFORMANC	Testing items	Detection method	Test result
	E INDEX	Initial angle	3-5 μl water, test in 10 seconds
Steel wool		0000# rigid velvet (1*1cm) 1000g, length 3.8cm, 60 times/min, 5000 times	≥100
	Rubber eraser	MB006004 Rubber eraser load 1000g, travel 2cm, 40 times / min, 5000 times	≥100



Eco-Friendly

NANO COATINGS

Non-Toxic

SINOGRACE

The Chemical Company

	MB006004 Rubber load	≥ 100
Drug resistance	1000g, travel 2cm, absolute ethanol to keep the rubber wet, 40 times/min, 5000 times	
Transmittance	Place the sample into the test tank of the transmittance detector	$\geq 93\%$
Oleophobic	5-10 μ l hexadecane, 30 s test	70° - 74°
Acid resistance	48h immersion in Ph4-6 liquid	$\geq 110^\circ$
Salt fog resistance	72h neutral salt spray	$\geq 110^\circ$

APPLICATION

- iPhone screen

STORAGE**AND****HANDLING**

- Available in 1L/bottle, 5L, 25L/barrel or customized package
- Store products in tightly closed original containers at 2-25°C, relative humidity is 25%-40%, dark, cool, dry place
- Shelf life: 3 months from delivery date

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