



Quality Standards (Enterprise Standards)

Test Items	Index	Testing Method
Viscosity	8-15cps	Rotational viscometer below 25°C
Specific Gravity	0.92-1.05	Gravimeter below 25°C
Solids Level	30-32%	Heat at 180°C, 30min
Coating Thickness	5-10um	Filmetrics-F10-HC
Adhesion Level	5B	Hundred Grid Method, refer to ASTM D 3359
Boiling Water Test	No cracking, 5B	Boil for 1 hr in 100°C water, take out and cool, observe the surface and test
Abrasion Resistance	No scratch	0000#steel wool, 1kg load, 100 cycles
HardnessLevel	3H	Pencil Hardness tester, refer to ASTMD3363-00

Product Description:

Multifunctional organic silicone coating solution provides high hardness, flexibility resistance, high refractive index, abrasion resistance, fingerprint resistance, fog resistance and anti-static properties as coating materials. It can be applied to various materials and composite materials such as PC, TAC, PA, AC, TIRTAN, PCTAC/PATAC. The company has long-term collaborations with major academic institutions and frontline enterprises, independently developing a series of patented products in the field of optical materials.

