

Technical Data Sheet

RS 7918

Waterborne Polyurethane

Description

RS 7918 is a special waterborne UV polyurethane acrylate, with ultra-fast moisture evaporation rate, at lower baking temperature and time conditions (50 ° , 7 minutes) can obtain excellent comprehensive performance, can be comparable to oil-based UV resin.

Through the exquisite chemical structure design, RS 7918 has a good balance of toughness and hardness, with tough non-cracking, water resistance, good wear resistance, good adhesion, non-corrosive substrate and so on. At the same time, it has high dispersing efficiency to the matte powder, and can obtain the paint film with uniform luster and fine hand feeling. Matte finish or bloom finish.

Characteristics

- 1, the pre-baking condition is low, only need 50 ° , 7 minutes. Greatly improve the efficiency of production line.
- 2, the matte powder disperses the quality to be high, the hand feeling is exquisite, the gloss is homogeneous.
- 3, good abrasion resistance, RCA & GT. 300 times.
- 4, resistant to boiling outstanding.
- 5, good adhesion on plastic substrate, such as ABS, PC, ABS + PC and so on.
- 6, do not damage the plastic substrate and primer.

Items	value	unit
appearance	Milky liquid	-
viscosity (25°C)	10-300	cP
pH value (25°C)	6.0-9.0	
Particle size	<300	nm
Solid content	43.5±2	wt%

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