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## The super dispersant

### RD-9779

#### Features and Advantages:

RD - 9779 belongs to the copolymer containing acidic groups, water and oil and general, not only has good wettability, also has the very good anti-settling ability, for all kinds of inorganic fillers with excellent viscosity and dispersion ability, at the same time of lapping paste has strong ability to prevent flocculation return thick, increase the storage stability of the printing ink, suitable for all kinds of system of polarity, Especially in the medium and high polarity system has excellent effect, can significantly improve the wetting and dispersion ability of the base material to the color and filler, reduce the viscosity of the system, improve the fluidity, shorten the grinding and dispersion time. Widely used in SMC and BMC systems.

#### Product Specifications:

appearance	Pale yellow viscous liquid
Non volatile	98±2%
The proportion of	0.98g/cm <sup>3</sup>
Color (Gardner)	<5



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**Recommended dosage calculation formula:**

Amount of dispersant (g) = [specific surface area of pigment (m<sup>2</sup>/g) ÷ 500] × weight of pigment (g)

Types of paint	Inorganic pigments	Calcium carbonate and other filler	Alkaline carbon black
Dispersant dosage (100% active content)	1—5.0%	0.2—1.0%	20%—40%

**Method of use:**

RD-9779 was dissolved in the grinding base mixture or diluted with water before adding pigment for grinding.

**Scope of application:**

Suitable for all kinds of solvent-based coating systems, SMC, BMC and water-based systems

**Storage conditions and shelf life:**

1. Keep away from high temperature and fire sources;
- 2, placed in a ventilated and cool place;
- 3, please seal after use;
4. Shelf life: 36 months.

**Packing specifications:** net weight 25Kg/ barrel, 200kg/barrel.