

## Dispersant

### RD-9617

#### Features and advantages:

RD-9617 is a polymer dispersant, widely used in solvent based coatings and ink systems. It has excellent grinding and dispersing effect on carbon black and organic pigments, strong versatility, and has a very good viscosity reduction effect.

#### Product specifications:

appearance	Yellow viscous liquid
Nonvolatile	50%
The proportion of	1.02g/cm <sup>3</sup>
Chroma (Gardner)	≤8
The boiling point	超过 250℃
Flash point	无

#### Application areas:

1. Disperse and grind carbon black, organic pigment and through-iron in high-end industrial paint systems (plastic, wood, floor and coil steel, etc.)
2. Used for dispersing grinding carbon black and organic pigments in various ink systems, especially alkyd polyurethane ink system;
3. Grinding and dispersing of color powder of polyether/polyester polyol color paste system;
- 4, the preparation of unsaturated resin color paste;
- 5, solvent-free epoxy system black and organic pigment paste preparation
- 6, UV wood paint dispersion filler viscosity drop is very good, especially suitable for high powder filling high solid

distribution;

**Recommended dosage:**

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

Types of paint	Organic pigments	Low surface carbon black	High surface carbon black
Dispersant dosage	7-15%	10-20%	40-80%

**Usage:** dissolve RD-9617 in the mixture of grinding base material first, and then add pigment for grinding.