Dispersant

RD-9617

Features and Advantages:

RD-9617 is a polymer-based dispersant widely used in solvent-based coatings and ink systems. It demonstrates excellent grinding and dispersing performance for both carbon black and organic pigments, is highly versatile, and offers very good viscosity-reducing properties.

Product parameter:

Appearance:	Yellow, viscous liquid
Non-volatile content	99±1%
Density:	1.02 g/cm^3
Colour (Gardner)	≤8
Boiling point	Exceeds 250° C
Flash point	None

Recommended dosage:

Organic pigments :7-15%

Low-surface-area carbon black :10 - 20%

High-surface-area carbon black :40 - 80%

Usage:

First dissolve the RD-9617 in the grinding medium mixture, then add the pigment and proceed with the grinding process.

Scope of application:

1. Dispersing and grinding carbon black, organic pigments and iron-transparent pigments in high-end industrial coating systems (such as plastics, wood, flooring and coiled steel);

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2. Dispersing and grinding carbon black and organic pigments in various ink systems, particularly alcohol-water polyurethane ink systems;

3. Grinding and dispersing colour powders in polyether/polyester polyol colour paste systems;

4. Preparation of colour pastes for unsaturated resins;

5. Preparation of black and organic pigment colour pastes for solvent-free epoxy systems;

6. Excellent at dispersing fillers and reducing viscosity in UV wood coatings, making it particularly suitable for high-solid formulations with high powder content;

Packing:

25KG or 200KG /drum.

Storage:

Keep away from sources of fire and light; store in a dark place.

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