



Dispersant

RD-9765

Features and advantages:

RD-9765 is a polymer dispersant, in water-based resin-free system, for high surface carbon black/difficult to disperse organic pigments/inorganic pigments show excellent color development performance and high gloss, increase the amount of pigments added while still having low viscosity, good fluidity and storage stability, good alcohol resistance in alcoholic water system.

Product specification:

appearance	Light yellow viscous liquid
Non-volatile	40± 1%
Specific gravity	1.02 g/cm ³
Chroma (Gardner)	5 or less
Boiling point	100 °C or higher
PH value	6-8

Recommended dosage calculation formula:

Amount of dispersant (g) = [specific surface area of pigment (m²/g) ÷ 500] × weight of pigment (g)

Pigment type	Inorganic pigment	Organic pigment	Low surface carbon black	High surface carbon black
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Dispersant dosage (100% active content)	10-30%	30-75%	40-80%	80-150%
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Application field:

1. Grind and disperse carbon black and organic and inorganic pigments in water-based paints and inks.
2. It has good compatibility with waterborne acrylic resin emulsion and waterborne polyurethane resin.
3. Preparation of various high-end resinless water-based color pastes.

Usage: First dissolve RD-9765 in the mixture of grinding base material (water), and then add pigment for grinding.

Packing: Net weight 25Kg/ barrel, 200kg/ barrel.

Storage and precautions:

Keep away from high temperature and fire sources; Place in a cool and ventilated place; Seal after use; The shelf life is 36 months.