



## Dispersant

### RD-9776

#### Features and Advantages:

RD-9776 is a kind of polymer dispersing agent, in the water system, for carbon black and organic pigments show excellent grinding dispersion performance, can improve the amount of powder in the grinding formula, while still has low viscosity, good fluidity and storage stability.

#### Product Specifications:

appearance	Light yellow brown liquid
Effective component	100%
The proportion of	1.12g/cm <sup>3</sup>
Color (Gardner)	≤9
The boiling point	≥250°C
PH	6-8

#### 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	Organic pigments	Low surface carbon black	High surface carbon black
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Dispersant dosage (100% active content)	7-15%	10-20%	40-80%
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**Method of use:**

RD-9776 was first dissolved in a mixture of grinding base material (water), and then pigment was added for grinding.

**Scope of application:**

1, in the water paint and ink, grinding disperse carbon black and organic pigment.

2, all kinds of water-based color paste preparation, can prepare high carbon black content color paste.

**Storage conditions and shelf life:** away from high temperature and fire; Place in a cool and ventilated place. Please seal after use; The shelf life is 24 months.

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