

# Dispersant

## RD-9630

### Features and advantages:

RD-9630 is a polyurethane type universal dispersant, containing more adsorption groups, can be used for grinding carbon black, organic pigments and inorganic pigments. Especially for grinding and dispersing high-surface area carbon black and organic pigments, it has a very excellent effect, and the strong wettability can greatly shorten the grinding time of the color paste, while the viscosity reduction effect is outstanding.

### Product specification:

appearance	Light yellow viscous liquid
Effective portion	45±1%
solvent	Mixed solvent
Specific gravity	0.93 g/cm <sup>3</sup>
Chroma (Gardner)	< 5
Boiling point	About 138° C (solvent)

### Recommended dosage calculation formula:

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

Pigment type	Organic pigment	High surface carbon black	Inorganic pigment
Dispersant dosage (45% active content)	7-15%	20-80%	0.5-2%

**Application field:**

1. Used for dispersion of high specific surface carbon black and organic pigments;
2. Used in thermoplastic (solid) and hydroxyl acrylate, polyester and other automotive and plastic paints.
3. Applied to wood paint system such as alkyd

**Instructions for use:** Dissolve RD-9630 in the mixture of grinding base material, and then add pigment for grinding.

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

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