Dispersant

RD-9152

Features and advantages:

RD-9152 is an acrylic type dispersant. The hydrophilic side chain achieves compatibility by adjusting the ratio of EO (polyoxyethylene) and PO (polyoxyepropylene), making the product itself applicable in both water-based and oil-based systems. Such a molecular structure design has unique advantages in water-based systems and has good compatibility with various resins. In the water-based system grinding paste, viscosity reduction, color development and dispersion stability is good, salt spray resistance, water resistance, humidity and heat prominent, comprehensive cost-effective.

It is used to disperse titanium dioxide, iron oxide and other inorganic pigments in water-based and oil-based systems, with excellent results, good viscosity reduction fluidity, and excellent color development.

Product specification：

Appearance	Transparent liquid
Active ingredient	99%±1%
Specific gravity	1.19g/cm^3
Colour (Gardner)	≤3
Boiling point	≥200℃
Aqueous PH	3-4

Application field:

Coating, automotive paint, industrial, architectural paint, wood paint, anticorrosive paint

Recommended dosage:

Titanium dioxide: 2-3%

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; For more information, please visit: https://www.rk-chem.com

Iron oxide: 5%

(Note: The specific dosage should be determined by experiment)

Usage:

First, the RD-9152 is dissolved in the mixture of grinding base material, and then the pigment is added for grinding. When used in water-based systems, neutralization is required.

Packing:

Net weight 25Kg/ barrel, 200Kg/barrel.

Storage:

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

Note: Turbidity and flocculation may occur at temperatures below 15°C. This effect is reversible and does not affect the efficiency of the product, so preheat to room temperature and mix well before use

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