Dispersant

RD-9151

Characteristics and Advantages:

RD-9151 is a polymer-based dispersant. In UV and water-based systems, it exhibits excellent color dispersion performance and high gloss for high surface carbon black, organic pigments, and inorganic pigments. Even when the amount of pigment is increased, it still maintains a low viscosity, good fluidity, and storage stability. It has good alcohol stability in alcohol-water systems and excellent water and salt spray resistance in high-end water-based industrial paints.

Product parameters：

Appearance	Yellow viscous liquid
Active ingredient	98±2%
Specific gravity	1.12g/cm^3
Chromaticity (Gardner)	≤8
Boiling point	≥100℃
pH value	6-7

Application fields:

Used in high-end water-based industrial paints, water-based plastic paints, wine bottle paints, alcohol-based inks, and UV inkjet printing, for grinding and dispersing carbon black, organic pigments and inorganic pigments;

Recommended dosage：

Inorganic pigments:1-5%

Organic pigments:7-20%

Low surface carbon black:40－80%

High surface area carbon black:0－150%

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

Usage:

First, dissolve RD-9151 in the mixture of the grinding base material, then add the pigment for grinding.

Packaging:

25KG /barrel.

Storage:

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

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