Water-based dispersants

RD-99031

Features and Advantages:

RD-99031 is a polymer-based dispersant which, in water-based systems, delivers excellent colour development and high gloss for carbon black, organic pigments and inorganic pigments. It allows for increased pigment loading whilst maintaining low viscosity, good flow properties and storage stability.

Physical properties：

Appearance	A pale yellow, viscous liquid
Non-volatile content	33±2％
Specific gravity	1.02g/cm3
Colour (Gardner)	<5
Solvent	Distilled water
pH	5-8

Recommended dosage：

Inorganic pigments :10-30%

Organic pigments :30-75%

Low-surface-area carbon black :40－80%

High-surface-area carbon black :80－150%

Usage:

First dissolve RD-99031 in a mixture of the grinding medium (water), then add the pigment and proceed with grinding.

Application:

1. For the grinding and dispersion of carbon black, organic pigments and inorganic pigments in water-based paints and inks.

2. Exhibits good compatibility with water-based acrylic resin emulsions and water-based

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polyurethane resins.

3. Preparation of various resin-containing water-based colour pastes.

Packaging:

25KG or 200KG /drum.

Storage:

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

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