



DW-60

Aqueous polymer dispersant



Overview

DW-60 is a dispersant composed of sodium salts of polyunsaturated fatty acids, primarily used for the dispersion of titanium dioxide and other inorganic pigments and fillers. It enhances dispersion efficiency, increases grinding ratios, improves gloss, and provides storage stability for pigments and fillers.

Physicochemical Properties

Appearance	Yellow-brown liquid	Composition	Sodium salt of polyunsaturated fatty acids.
Active Content	25.0 ± 1.0 %	Solvent	Water
Density	1.11 g/ml		

Properties and Advantages

High adsorption and wetting properties, suitable for dispersing high pigment-to-binder ratio fillers, especially in high-concentration colorants.

- Excellent wetting ability and strong affinity for pigments.
- Reduces dispersion time and increases dispersion efficiency.
- Enhances color development and gloss of pigments.
- No impact on haze.
- Especially suitable for dispersing titanium dioxide and other inorganic pigments and fillers.

Dosage

Inorganic pigments: 0.5-1.0%

Organic pigments: 1.0-5.0% (Actual dosage should be determined based on experimental results).

Application

Industries: Waterborne colorants, Latex paints, Inks, Printing inks.

Suitable Resins: Waterborne resins (Acrylic, Styrene-Acrylic, Vinyl Acrylic, Polyurethane, etc.)

Precautions & Storage

Keep the container tightly sealed and store in a cool, ventilated place. During winter, take anti-freezing measures (if frozen, thaw and stir before use). Recommended storage conditions are 5-30 °C.

Safety

Refer to MSDS

Packaging

25 KG/Barrel, 150 KG/Drum