



DW-18

Water-based wetting dispersant



Overview

DW-18 is a non-ionic surfactant dispersant that enhances the wetting and dispersion of pigments and fillers, increases the flowability of colorants, prevents floating and flooding, and improves the color development stability of pigments.

Physicochemical Properties

Appearance	Yellow-brown liquid	Composition	Non-ionic surfactant
Active Content	100.0 %	Solvent	None
Density	0.98 g/ml		

Properties and Advantages

- Low surface tension, effectively promotes wetting and penetration of the system to substrates and pigments/fillers.
- Reduces grinding time, lowers viscosity during grinding, and increases flowability.
- Effectively balances dispersion and storage stability; improves issues of floating and flooding.
- After grinding organic pigments, it exhibits high gloss and excellent color development.
- APEO-free, suitable for environmentally friendly products.

Dosage

0.1-0.6% by weight.

Application

Can be added at any stage; test to determine the optimal addition amount.

Precautions & Storage

Store in a cool, ventilated place, and keep the container tightly sealed. In winter, take anti-freezing measures (if frozen, thaw and stir before use). Under normal recommended storage conditions, the product has a shelf life of 2 years.

Safety

Refer to MSDS

Packaging

25 KG/Barrel