



## 302

# Electrically neutral dispersant



### Overview

302 is a neutral polymeric fatty acid dispersant primarily used in solvent-based coatings for the dispersion and wetting of inorganic pigments and bentonite, offering excellent pigment wetting and dispersing properties.

### Physicochemical Properties

<b>Appearance</b>	Yellow-brown liquid	<b>Composition</b>	Neutral polymeric fatty acid
<b>Solid Content</b>	50.0±2.0 %	<b>Solvent</b>	NBAC/XYL
<b>Density</b>	0.88 g/ml		

### Characteristics and Advantages

It can reduce the surface tension between hydrophilic and hydrophobic groups on the pigment surface, quickly replacing the moisture and air on the pigment surface, effectively wetting the pigment and filler, and enhancing the affinity between the pigment and the resin.

- Effectively wets the pigment, reducing grinding time and improving flowability;
- Increases pigment tinting strength and hiding power;
- Promotes rapid activation of organic bentonite, forming a soft, easily dispersible paste;
- Provides excellent application properties (wetting the substrate, reducing brush marks, etc.) and assists in anti-settling;
- Wide range of applications.

### Dosage

Add before grinding: For inorganic pigments: 0.5-5.0%

For organic pigments: 1.0-5.0%

For bentonite: 10-50%

### Application

Solvent-based inorganic pigment systems.

### Precautions & Storage

Storage conditions: 0-40 °C, in a cool, well-ventilated place. Keep the container tightly sealed and away from heat and sources of ignition. If the storage temperature exceeds 40 °C, the color may darken. Before use, restore the product to 0-40 °C to ensure no impact on product quality.

### Safety

Refer to MSDS

### Packaging

25 KG/barrel