



# SUPER-1300

## Block hyper-dispersant



### Overview

SUPER-1300 is a block copolymer super dispersant primarily used for dispersing and stabilizing pigments in solvent-based coatings and ink systems. It enhances dispersion, prevents pigment flocculation, and increases color development, coverage, and gloss.

### Physicochemical Properties

<b>Appearance</b>	Yellow-brown liquid	<b>Composition</b>	High molecular weight synthetic copolymer
<b>Solid Content</b>	50.0±2.0 %	<b>Solvent</b>	NBAC
<b>Density</b>	0.90 g/ml		

### Characteristics and Advantages

It is an A-B-A & B-A-B block copolymer super dispersant that rapidly removes surface moisture and air from pigments. Its multi-anchor structure tightly adheres to pigment surfaces, forming stable covalent bonds. The stable extending chains prevent pigment flocculation and agglomeration, reducing the viscosity of paint slurries and increasing pigment loading.

- Enhances flowability during grinding.
- Shortens grinding time, improving productivity.
- Particularly effective for dispersing high surface area organic pigments, carbon black, and nano-scale fillers.
- Effectively prevents flocculation and agglomeration of pigments during storage.
- Economical product.

### Dosage

Before grinding, add:

- For inorganic pigments: 1.0-5.0%
- For organic pigments: 5.0-20.0%

### Application

Solvent-based inorganic and organic pigment systems.

### Precautions & Storage

Store between 0-40 °C in a cool, well-ventilated area. Keep containers tightly sealed and away from heat and sources of ignition.

### Safety

Refer to MSDS

### Packaging

25 KG/barrel