



303S

Dispersant



Overview

303S is a modified anionic polymer compound primarily used in solvent-based coatings and inks. It provides pigment wetting and dispersion, prevents floating and flocculation during color mixing, and inhibits pigment aggregation and settling.

Physicochemical Properties

Appearance	Brown, slightly turbid liquid	Composition	Anionic Polymer
Solid Content	60.0±2.0 %	Solvent	Aromatic Hydrocarbon Solvent
Density	1.0 g/ml		

Characteristics and Advantages

- Enhances pigment dispersion efficiency.
- Prevents pigment aggregation and settling.
- Improves floating and flocculation during color mixing, can be added post-mixing.
- Does not increase system viscosity.
- Mitigates viscosity increase caused by lithopone swelling.

Dosage

Usage: 0.1-1.0% of the total weight of the coating.

For difficult-to-disperse or high-density pigments (such as phthalo blue, iron blue, carbon black, and red lead), increase the dosage as needed.

Can be added before or after grinding.

Application

Suitable for various types of ester gum paints, alkyd and modified alkyd paints, nitrocellulose paints, anti-rust paints, acrylic paints, polyurethane paints, etc. This product is not suitable for amino-baking paints.

Precautions & Storage

Storage: Keep in a cool, well-ventilated area with the container tightly closed, away from heat and sources of ignition. Storage conditions are 0-40 °C; if the appearance becomes turbid or separates below 5 °C, heat to a clear state and stir thoroughly before use.

Safety

Refer to MSDS

Packaging

25 KG/barrel