



DW-96

Water-based block hyperdispersant



Overview

DW-96 is a block copolymer-based high molecular weight hyperdispersant containing pigment-affinitive groups, primarily used in waterborne coatings, colorants, UV-curable resins, printing inks, and adhesives. It offers high compatibility, dispersibility, color development, prevents pigment flocculation, and enhances opacity and gloss, especially suitable for difficult-to-disperse organic pigments and carbon black.

Physicochemical Properties

Appearance	Pale yellow viscous liquid	Composition	Block copolymer
Active Content	35.0 %	Solvent	Water
pH	6.0-8.5		

Properties and Advantages

- VOC and APEO-free.
- Excellent compatibility with most resins; good water and salt spray resistance.
- Exceptional viscosity reduction, suitable for high-concentration colorants.
- Reduces dispersion time, enhances color development, opacity, and gloss.
- Prevents pigment re-agglomeration, improves colorant storage stability.
- Particularly suitable for wetting and dispersing high-pigment carbon black.
 - Organic pigments: 15-80%
 - Carbon black: 30-160%

Dosage

Application

Waterborne coatings, colorants, printing inks, and adhesives.

Precautions & Storage

Store in a cool, dry place. At temperatures below 0 °C, it may become a viscous liquid with poor flow but does not affect product activity. Heat to room temperature before use.

Safety

Refer to MSDS

Packaging

25 KG/Barrel