

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
рН	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 highconcentration colorants.
- Reduces dispersion time, enhances color development, opacity, and gloss.
- Prevents pigment re-agglomeration, improves colorant storage stability.
- Particularly suitable for wetting and dispersing highpigment carbon black.

Dosage

Organic pigments: 15-80%Carbon black: 30-160%

Application

Waterborne coatings, colorants, printing inks, and adhesives.

Precautions & Storage

Store in a cool, dry place. At temperatures below $0 \, \text{C}$, 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

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www.new-techem.com

For further detailed information, please contact our company directly.

The information provided is compiled based on our current knowledge and is intended for reference only. No guarantees are made. We reserve the right to modify product parameters within the scope of process advancements or product development. Due to the wide range of processing conditions and raw material combinations beyond our control, users are advised to conduct suitability tests before production.

Revision: 2024.01.02 Version: 7007 V1 2024