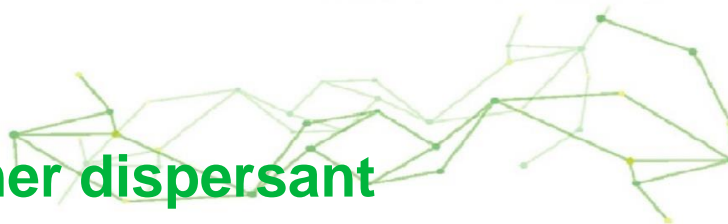




DW-94

Aqueous polymer dispersant



Overview

DW-94 is a block copolymer-based high molecular weight hyperdispersant containing pigment-affinitive groups. It is primarily used in waterborne coatings, colorants, UV-curable resins, printing inks, and adhesives. It offers high compatibility, viscosity reduction, color development, water and salt spray resistance, prevents pigment flocculation, and enhances opacity and gloss. It is suitable for both inorganic and organic pigments and helps to resolve floating and flooding issues during color mixing.

Physicochemical Properties

Density	Yellow-brown liquid	Composition	Block copolymer
Solid Content	50.0 ± 3.0 %	Solvent	Water
Density	0.96 g/ml		

Properties and Advantages

- VOC and APEO-free.
- Excellent compatibility with most resins.
- Exceptional viscosity reduction, suitable for high-concentration colorants; applicable to both inorganic and organic pigments.
- Reduces dispersion time, enhances color development, opacity, and gloss.
- Prevents pigment re-agglomeration, improving colorant storage stability.
- Low foaming tendency.
- Excellent water resistance, salt spray resistance, and weather resistance.

Dosage

Inorganic pigments: 1-25%

Organic pigments: 10-70%

Carbon black: 20-120%

For co-grinding: 0.5-2% by weight

Application	Waterborne coatings, colorants, UV-curable resins, 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