

DESCRIPTION

ZETASPERSE® 3800 is a polymeric, slightly anionic wetting and dispersing additive for high-quality waterborne formulations. It is suitable for all kinds of pigments. ZETASPERSE® 3800 outstandingly provides color strength with organic pigments and stabilization for inorganic pigments and carbon blacks. It has a low influence on coating properties, is solvent-free and free of labeling.

KEY BENEFITS

- for high-quality coatings
- very good stabilization of inorganic particles
- minimal impact on coating properties
- solvent-free and label-free

EFFECT**Viscosity reduction with organic pigments/carbon blacks****Color intensity/gloss with organic pigments/carbon blacks****Viscosity reduction with inorganic pigments/fillers****Color intensity/gloss with inorganic pigments/fillers****SUITABILITY**

waterborne	solventborne
●	●
2-pack 100%	radiation-curing
●	●
direct grind	resin-containing pigment concentrates
●	●
resin-free pigment concentrates	
●	

● not suitable ● partly suitable ● suitable

TYPICAL APPLICATIONS

- Pigment concentrates
- Transportation coatings
- Wood coatings
- Inkjet Inks

TECHNICAL DATA

active matter content	40 %
appearance	clear to slightly hazy liquid
chemical description	aqueous solution of a copolymer with groups of high pigment affinity
solvent	water
viscosity at 25 °C	Approx 500 mPas

SOLUBILITY

Water	Ethanol
●	●
TPGDA	Acetone
●	●
Butylacetate	Mineral Spirits
●	●

● not soluble ● partly soluble ● soluble

RECOMMENDED ADDITION LEVEL

As supplied calculated on inorganic pigment: 5.0 - 30.0 %
 As supplied calculated on organic pigment: 20.0 - 70.0 %
 As supplied calculated on carbon black: 40.0 - 150.0 %
 Recommended addition level for co-grind: 0.5 - 2.0 %

PROCESSING INSTRUCTIONS

Add to the grind before dispersion.

HANDLING & STORAGE

Keep containers tightly closed in a dry, cool, and well-ventilated place. Mix thoroughly before use. Product is freeze-thaw stable; if frozen, warm to 20-40°C and mix before use. Please refer to the SDS for the most current information.

MSDS & REGULATORY INFORMATION

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