

TEGO® Dispers 750 W

DESCRIPTION

TEGO® Dispers 750 W is a slightly anionic, polymeric wetting and dispersing additive for high-quality waterborne formulations. Very compatible. Suitable for all kinds of pigments. With inorganic pigments, outstanding stabilization performance can be observed. Low influence on coatings properties, therefore suitable for exterior applications. Solvent-free.

KEY BENEFITS

- effective stabilization of all kinds of pigments
- 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	universal pastes
●	●

● not suitable ● partly suitable ● suitable

TYPICAL APPLICATIONS

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

TECHNICAL DATA

acid value (as supplied)	Approx. 15 mg KOH/g
active matter content	Approx 40 %
appearance	yellowish clear liquid
chemical description	aqueous solution of a copolymer with groups of high pigment affinity
pH-value	Approx 6.5
solvent	water

SOLUBILITY

Water	Ethanol
●	●
TPGDA	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.
- The product should not be used as the only wetting and dispersing additive in a grind based on pigment black.
- Before using uncoated stainless steel for storage and transport of the product, the resistance should be checked.

HANDLING & STORAGE

When stored in an original unopened packaging, the product has a shelf life of 36 months from the date of manufacture.

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