Wetting and dispersing additive

TEGO® Dispers 755 W

DESCRIPTION

TEGO® Dispers 755 W is a slightly anionic, polymeric high-performance wetting and dispersing additive for waterborne formulations. Suitable for all kinds of pigments. With organic pigments, the outstanding stabilization and viscosity reduction can be observed. Low influence on coating properties, therefore suitable for exterior applications in industrial and transportation coatings. Solvent-free.

KEY BENEFITS

- effective stabilization of all kinds pigments, even critical organic 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
- Liquid Inks

TECHNICAL DATA

acid value (as supplied)	Approx. 15 mg KOH/g
active matter content	Approx. 40 %
appearance	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.
- Before using uncoated stainless steel for storage and trasport of the product, the resistance should be checked.

HANDLING & STORAGE

- Keep away from freezing.
- 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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