

TEGO® Dispers 757 W

DESCRIPTION

TEGO® Dispers 757 W is an anionic, high polymeric wetting and dispersing additive for waterborne dispersions in industrial and transportation coatings. Stabilizes inorganic and organic pigments with very low influence on the water resistance of the coating. When used in colorants, it shows only minimal influence on the rheology of the tinted coating.

KEY BENEFITS

- very low influence on water resistance
- low influence on rheology of the coating
- 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
- General industrial coatings

TECHNICAL DATA

acid value (as supplied)	Approx. 30 mg KOH/g
active matter content	approx. 40 %
appearance	hazy liquid
chemical description	aqueous solution of a copolymer with groups of high pigment affinity
pH-value	approx. 7.0
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 - 20.0 %
 As supplied calculated on organic pigment: 10.0 - 30.0 %
 As supplied calculated on carbon black: 20.0 - 120.0 %
 Recommended addition level for co-grind: 0.5 - 2.0 %

PROCESSING INSTRUCTIONS

Add to the grind before dispersion.

HANDLING & STORAGE

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

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