

Wetting and dispersing additive

TEGO® Dispers 676

DESCRIPTION

TEGO® Dispers 676 is a polymeric wetting and dispersing additive for solventborne formulations. Provides outstanding viscosity reduction for all kinds of pigments in low-VOC colorants. Gives outstanding performance in combination with TEGO® VariPlus LK as a grinding resin.

KEY BENEFITS

- gives highest viscosity reduction in low-VOC colorants
- broad compatibility

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
●	●
universal pastes	
●	

● not suitable ● partly suitable ● suitable

TYPICAL APPLICATIONS

- Pigment concentrates
- Wood coatings
- High solid industrial coatings

TECHNICAL DATA

acid value (as supplied)	Approx. 4 mg KOH/g
active matter content	approx. 85 %
amine value (as supplied)	Approx. 100 mg KOH/g
appearance	clear liquid
chemical description	solution of a high molecular weight polymer
solvent	n-butylacetate

SOLUBILITY

Water	Ethanol
●	●
TPGDA	Butylacetate
●	●
Mineral Spirits	
●	

● not soluble ● partly soluble ● soluble

RECOMMENDED ADDITION LEVEL

As supplied calculated on inorganic pigment: 2.0 - 17.5 %
As supplied calculated on organic pigment: 5.0 - 25.0 %
As supplied calculated on carbon black: 10.0 - 40.0 %
Recommended addition level for co-grind: 0.5 - 3.0 %

PROCESSING INSTRUCTIONS

Add to the grind before dispersion.

HANDLING & STORAGE

When stored in an original unopened packaging between -10 and +40 °C, the product has a shelf life of 24 months from the date of manufacture. Turbidity may occur at temperatures below 3 °C, product becomes clear again after warming. Product properties are not affected by this process.

MSDS & REGULATORY INFORMATION



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