TEGO[®] Dispers 670

DESCRIPTION

TEGO* Dispers 670 is a polymeric, high-performance wetting and dispersing additive for solventborne industrial and automotive applications. Suitable for all kinds of pigments. Shows outstanding viscosity reduction, especially with inorganic pigments. Shows fast pigment wetting. Creates a Newtonian flow behavior.

KEY BENEFITS

- newtonian flow behavior
 fast color strength development
 viscosity reduction with inorganic pigments

EFFECT

Viscosity reduction with organic pigments/carbon blacks

Color intensity/gloss with organic pigments/carbon blacks

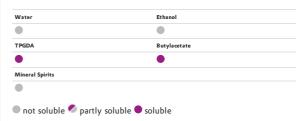
Viscosity reduction with inorganic pigments/fillers

Color intensity/gloss with inorganic pigments/fillers 1.10

SUITABILITY

•	
2-pack 100%	radiation-curing
0	0
direct grind	resin-containing pigment concentrates
•	•
esin-free pigment concentrates	universal pastes
•	•
🕨 not suitable 🖉 partly suitable 🛡 s	suitable

SOLUBILITY



RECOMMENDED ADDITION LEVEL

As supplied calculated on inorganic pigment: 5.0 - 40.0 % As supplied calculated on organic pigment: 15.0 - 40.0 % As supplied calculated on carbon black: 40.0 - 90.0 % 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 -40 and +40 °C, the product has a shelf life of at least 24 months from the date of manufacture. Turbidity may occur at temperatures below 10 °C, product becomes liquid again after warming. Product properties are not affected by this process.

MSDS & REGULATORY INFORMATION



TYPICAL APPLICATIONS

- Inkjet Inks
 Transportation coatings
 General industrial coatings
 Pigment concentrates

TECHNICAL DATA

acid value (as supplied)	Approx 5 mg KOH/g
active matter content	approx. 40 %
amine value (as supplied)	Approx 15 mg KOH/g
appearance	clear to slightly hazy liquid (product properties are not affected by haziness)
chemical description	solution of a high molecular weight polymer
solvent	dibasic ester, aromatic-free / methoxypropylacetate 1 : 1
viscosity at 25 °C	Approx 120 mPas

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