

DESCRIPTION

TEGO® Dispers 640 is a polymeric wetting and dispersing additive used to disperse pigments in solventborne coatings. It is compatible with a variety of binders of different polarities like alkyd resins or 2K PU formulations.

KEY BENEFITS

- broad compatibility with various binders
- excellent viscosity reduction for carbon black, organic, and 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



SUITABILITY

waterborne	solventborne
●	●
2-pack 100%	radiation-curing
●	●
high solids	direct grind
●	●
resin-containing pigment concentrates	resin-free pigment concentrates
●	●
universal pastes	
●	

● not suitable ● partly suitable ● suitable

TYPICAL APPLICATIONS

- Inkjet Inks
- Pigment concentrates
- Architectural paints

TECHNICAL DATA

active matter content	40 %
amine value (as supplied)	Approx. 30 mg KOH/g
appearance	liquid
chemical description	solution of a high molecular weight polymer
solvent	Methoxypropylacetate / Butyl Acetate 1:1
viscosity at 25 °C	Approx. 200 mPas

SOLUBILITY

Water	Ethanol
●	●
TPGDA	Butylacetate
●	●
Mineral Spirits	
●	

● not soluble ● partly soluble ● soluble

RECOMMENDED ADDITION LEVEL

As supplied calculated on inorganic pigment: 5.0 - 15.0 %
 As supplied calculated on organic pigment: 30.0 - 80.0 %
 As supplied calculated on carbon black: 50.0 - 100.0 %

PROCESSING INSTRUCTIONS

Add to the grind before dispersion.

HANDLING & STORAGE

When stored in an original unopened packaging, the product has a shelf life of 24 months from the date of manufacture.

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