

TEGO® Dispers 691

DESCRIPTION

TEGO® Dispers 691 is a highly efficient polymeric wetting and dispersing additive for solventborne formulations. It gives outstanding wetting and stabilization to both organic and inorganic pigments in solventborne printing inks.

KEY BENEFITS

- viscosity reduction with organic pigments
- fast color strength development
- superior pigment stabilization

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



● not suitable ● partly suitable ● suitable

TYPICAL APPLICATIONS

- Printing Inks
- Pigment concentrates
- General industrial coatings

TECHNICAL DATA

acid value (as supplied)	Approx. 2 mg KOH/g
active matter content	75 %
amine value (as supplied)	Approx. 6 mg KOH/g
appearance	clear liquid
chemical description	solution of a high molecular weight polymer
solvent	dibasic ester, aromatic-free / methoxypropylacetate 1 : 1
viscosity at 25 °C	Approx. 620 mPas

SOLUBILITY

Water	Ethanol
●	●
TPGDA	Butylacetate
●	●
Mineral Spirits	
●	

● not soluble ● partly soluble ● soluble

RECOMMENDED ADDITION LEVEL

As supplied calculated on inorganic pigment: 2.0 - 15.0 %

As supplied calculated on organic pigment: 5.0 - 30.0 %

As supplied calculated on carbon black: 20.0 - 50.0 %

PROCESSING INSTRUCTIONS

Add to the grind before dispersion.

HANDLING & STORAGE

When stored in an original unopened packaging, the product has a shelf life of 48 months from the date of manufacture.

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