

TEGO® Dispers 780 W

DESCRIPTION

TEGO® Dispers 780 W is a polymeric, slightly anionic wetting and dispersing additive for high-quality waterborne ink formulations. It is an excellent choice for resin-containing, resin-reduced as well as resin-free grinds. TEGO® Dispers 780 W provides excellent pigment stabilization for organic and inorganic pigments.

KEY BENEFITS

- suitable for resin-containing, resin-reduced and resin-free grinds
- excellent viscosity reduction
- outstanding color strength development
- superior shock resistance
- suitable for food contact compliant formulations

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%



direct grind



resin-containing pigment concentrates



resin-free pigment concentrates



● not suitable ● partly suitable ● suitable

TYPICAL APPLICATIONS

- Printing Inks
- Inkjet Inks
- Pigment concentrates

TECHNICAL DATA

active matter content	approx. 35 %
appearance	clear to slightly hazy liquid
chemical description	aqueous solution of copolymers with groups of high pigment affinity
pH-value	approx. 8
solvent	water

SOLUBILITY

Water	Ethanol
●	●
TPGDA	Butylacetate
●	●
Mineral Spirits	
●	

● not soluble ● partly soluble ● soluble

RECOMMENDED ADDITION LEVEL

As supplied calculated on grind, for binder-free grinding: 10.0 - 40.0 %

As supplied calculated on grind, in addition to grinding resin: 2.0 - 6.0 %

PROCESSING INSTRUCTIONS

Add to the grind before dispersion.

HANDLING & STORAGE

- When stored in an original unopened packaging between -20 and +40°C, the product has a shelf life of at least 36 months from the date of manufacture.
- Keep containers tightly closed in a dry, cool, and well-ventilated place. Product is freeze-thaw stable; if it phase separates or freezes at colder temperatures, warm container to 40°C and mix thoroughly before use.

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