

TEGO® Dispers 688

DESCRIPTION

TEGO® Dispers 688 is a polymeric wetting and dispersing additive for matte UV coatings. Stabilizes matting agents and gives low viscosities of the UV coatings, even at high matting agent levels. Improves processing during production and application of matte UV coatings. Helps to keep the matting effect on a stable level.

KEY BENEFITS

- enables high matting agent concentrations in UV coatings
- provides long-lasting matting effect

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
●	●
resin-free pigment concentrates	universal pastes
●	●

● not suitable ● partly suitable ● suitable

TYPICAL APPLICATIONS

- Wood coatings
- Pigment concentrates

TECHNICAL DATA

acid value (as supplied)	Approx 2 mg KOH/g
active matter content	approx. 45 %
amine value (as supplied)	Approx 10 mg KOH/g
appearance	clear to slightly hazy liquid (product properties are not affected by haziness)
chemical description	high molecular weight polymer
solvent	methoxypropylacetate

SOLUBILITY

Water	Ethanol
●	●
TPGDA	Butylacetate
●	●
Mineral Spirits	
●	

● not soluble ● partly soluble ● soluble

RECOMMENDED ADDITION LEVEL

As supplied calculated on matting agent: 10 - 30 %

PROCESSING INSTRUCTIONS

- Add to the grind before dispersion.
- Please mix the additive with monomer/oligomer blend prior to addition of solid particles.

HANDLING & STORAGE

When stored in an original unopened packaging between +4 and +40 °C, the product has a shelf life of at least 24 months from the date of manufacture. Solidification may occur at temperatures below 10 °C, product becomes liquid again after warming. Product properties are not affected by this process.

MSDS & REGULATORY INFORMATION



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