

**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**

<b>waterborne</b>	<b>solventborne</b>
●	●
<b>2-pack 100%</b>	<b>radiation-curing</b>
●	●
<b>direct grind</b>	<b>resin-containing pigment concentrates</b>
●	●
<b>resin-free pigment concentrates</b>	<b>universal pastes</b>
●	●

● not suitable ● partly suitable ● suitable

**TYPICAL APPLICATIONS**

- Wood coatings
- Pigment concentrates

**TECHNICAL DATA**

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

**SOLUBILITY**

<b>Water</b>	<b>Ethanol</b>
●	●
<b>TPGDA</b>	<b>Butylacetate</b>
●	●
<b>Mineral Spirits</b>	
●	

● 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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