

# TEGO® Dispers 689

## DESCRIPTION

TEGO® Dispers 689 promotes the incorporation of matting agents in radiation-curing formulations. It enables strong matting effect and is solvent-free.

## 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	high solids
●	●
resin-containing pigment concentrates	resin-free pigment concentrates
●	●
● not suitable ● partly suitable ● suitable	

## TYPICAL APPLICATIONS

- Wood coatings
- Pigment concentrates

## TECHNICAL DATA

acid value (as supplied)	Approx. 10 mg KOH/g
active matter content	100 %
amine value (as supplied)	Approx. 110 mg KOH/g
appearance	clear to slightly hazy liquid
chemical description	high molecular weight polymer
solvent	-

## SOLUBILITY

Water	Ethanol
●	●
TPGDA	Butylacetate
●	●
Mineral Spirits	
●	
● not soluble ● partly soluble ● soluble	

## RECOMMENDED ADDITION LEVEL

As supplied calculated on matting agent: 2.5 - 7.5 %

## PROCESSING INSTRUCTIONS

- Add to the grind before dispersion.
- Please mix the additive with monomer/oligomer blend prior to addition of solid particles.
- Haziness caused by low temperatures can be eliminated by warming the product. This does not affect the performance properties of the product.

## 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.

## MSDS & REGULATORY INFORMATION



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