

TEGO® Dispers 656

DESCRIPTION

TEGO® Dispers 656 is a widely usable wetting and dispersing additive. Suitable for solventborne, waterborne, and radiation-curing formulations and for universal colorants. Primarily stabilizes inorganic pigments, fillers, and effect pigments like aluminum pigments.

KEY BENEFITS

- outstanding stabilization of inorganic particles
- broad usability
- solvent-free and label-free

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	
●	

● not suitable ● partly suitable ● suitable

TYPICAL APPLICATIONS

- Pigment concentrates
- General industrial coatings
- Architectural paints
- Printing Inks

TECHNICAL DATA

acid value (as supplied)	Approx. 100 mg KOH/g
active matter content	100 %
appearance	clear to hazy liquid
chemical description	modified polyether with groups of high pigment affinity

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 - 35.0 %

PROCESSING INSTRUCTIONS

- Add to the grind before dispersion.
- In case of foam build-up during dispersion, use a highly effective but also compatible defoamer concentrate (for example, TEGO® Foamex 8050).

HANDLING & STORAGE

When stored in an original unopened packaging, the product has a shelf life of 60 months from the date of manufacture.

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