

TEGO® Dispers 653

DESCRIPTION

TEGO® Dispers 653 is a waterborne wetting and dispersing additive specifically for the production of universal colorants for decorative coatings. Wets and stabilizes inorganic and organic pigments. Can be used for a whole colorant line. Anionic and solvent-free.

KEY BENEFITS

- for universal colorants
- suitable for exterior applications
- 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	universal pastes
●	●

● not suitable ● partly suitable ● suitable

TYPICAL APPLICATIONS

- Universal pigment concentrates
- Architectural paints
- Printing Inks

TECHNICAL DATA

acid value (as supplied)	Approx. 1 mg KOH/g
active matter content	approx. 35 %
appearance	clear liquid
chemical description	modified polyether with groups of high pigment affinity
solvent	water

SOLUBILITY

Water	Ethanol
●	●
TPGDA	Butylacetate
●	●
Mineral Spirits	
●	

● not soluble ● partly soluble ● suitable

RECOMMENDED ADDITION LEVEL

As supplied calculated on inorganic pigment: 12 - 25 %
 As supplied calculated on organic pigment: 40 - 70 %
 As supplied calculated on carbon black: 40 - 90 %

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 36 months from the date of manufacture.

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