

TEGO® Dispers 650

pigment-wetting and dispersing additive

Effects

	0	1	2	3	4	5
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	■					

0 = unsuitable...5 = highly suitable

Special features

For the manufacture of universal colorants. For organic pigments and carbon blacks. Very good development of color strength. Solvent- and APE-free.

Suitability for

waterborne	solventborne
●	⊙
2-pack 100 %	radiation-curing
●	○
direct grind	resin-based pigment concentrates
○	⊙
resin-free pigment concentrates	universal pastes
●	●

● = suitable ... ○ = not suitable

Solubility in

water	ethanol
○	●
TPGDA	butyl acetate
●	●
white spirit	
○	

● = clear soluble, ⊙ = cloudy but stable, ○ = insoluble

Recommended addition level

As supplied calculated on organic pigment: 10 - 30 %

As supplied calculated on carbon black: 30 - 60 %

Processing instructions

- Stir before use!
- Add to the grind before dispersion.
- Haziness caused by low temperatures can be eliminated by warming the product. This does not affect the performance properties of the product.

Formulation advices

- Use TEGO® Dispers 653 for even lower viscosity but slightly weaker color strength.
- In case of strong foam development, addition of TEGO® Foamex 8050 is recommended.
- Starting point formulations for the production of pigment concentrates are available upon request.

Chemical description

modified polyether with groups of high pigment affinity

Technical information

- appearance yellowish to brownish liquid
- active matter content 100 %

Registration status

TEGO® Dispers 650 respectively its ingredients are listed in the following chemical inventories: ECL, EINECS, IECSC, NDSL, PICCS, TSCA, NZIOC, TCSI.

All intentional ingredients are listed on the TSCA inventory or comply with the TSCA Polymer Exemption criteria according 40 CFR 723.

Further information on regulatory topics can be found on the Regulatory Data Sheet.

All intentional ingredients are listed on the ECL inventory or comply with the Polymer Exemption criteria.

All intentional ingredients are listed on the PICCS inventory or comply with the Polymer Exemption criteria.

Packaging

- plastic pail 25 kg
- plastic L-ring drum 200 kg
- container 950 kg

Storage stability

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.

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