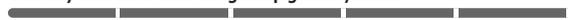


DESCRIPTION

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 ● soluble

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 between +4 and +40 °C, the product has a shelf life of at least 24 months from the date of manufacture.

MSDS & REGULATORY INFORMATION

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

Evonik Operations GmbH | Goldschmidtstraße 100, 45127 Essen, Germany | Telefon +49 201 173-2222 Telefax +49 201 173-1939 | www.coating-additives.com