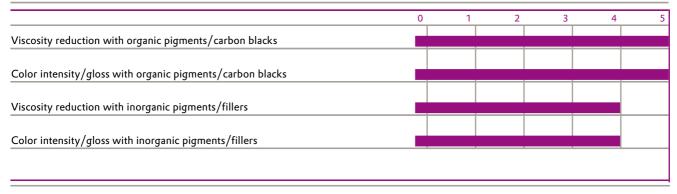
TEGO® Dispers 685

Effects



0 = unsuitable...5 = highly suitable

Special features

Widely applicable wetting and dispersing additive especially for organic pigments and mixed pigmentations. Equally suitable for radiation-curing and solventborne high-solids formulations.

Suitability for

waterborne	solventborne
0	
2-pack 100 %	radiation-curing
0	
direct grind	resin-based pigment concentrates
\bullet	
resin-free pigment concentrates	universal pastes
0	0

= suitable ... () = not suitable

Solubility in

water	ethanol	
0	0	
TPGDA	butyl acetate	
•		
white spirit		
0		

 \bullet = clear soluble, \bullet = cloudy but stable, \bigcirc = insoluble

Recommended addition level

As supplied calculated on inorganic pigment: 2 - 15 % As supplied calculated on organic pigment: 5 - 15 % As supplied calculated on carbon black: 15 - 40 %

Recommended addition level for co-grind: 0.1 - 3.0 %

Processing instructions

 Addition under stirring to monomer, monomer/oligomer blend or solvent.

Add to the grind before dispersion.

Formulation advices

Alternative for stronger reduction of viscosity with inorganic pigments: TEGO $^\circ$ Dispers 670

Chemical description

high molecular weight polymer

Technical information

- appearanceactive matter content
- viscosity at 25 °C

clear to hazy liquid 100 % approx. 85000 mPa s

Suitability for food contact

The additives/monomers/solvents of TEGO[®] Dispers 685 are listed on the B lists of the Swiss Ordinance 817.023.21, Annex 6.

Registration status

TEGO® Dispers 685 respectively its ingredients are listed in the following chemical inventories: AICS, ECL, EINECS, 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.

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

- steel drum with cover 25 kg
- steel drum with cover 200 kg

Storage stability

When stored in an original unopened packaging between -40 and +40 °C, the product has a shelf life of at least 24 months from the date of manufacture.

Solidification may occur at temperatures below 10 $^{\circ}\text{C}$, product becomes liquid again after warming. Product properties are not affected by this process.

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 (Status: 03/2016)

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