

TEGO® Dispers 610

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

Prevents flooding and floating of pigments by controlled flocculation.

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 total formulation: 0.1 - 1.0 %

As supplied calculated on inorganic pigment: 0.5 - 2.5 %

Processing instructions

Add to the grind before dispersion.

Formulation advices

Add to millbase before grinding. Alternative for stronger controlled flocculation: TEGO® Dispers 630.

Chemical description

solution of a high molecular weight fatty acid derivative

Technical information

- appearance	yellowish to brownish liquid
- active matter content	approx. 50 %
- solvent	diisobutylketone / xylene 5 : 45
- acid number (as supplied)	approx. 140 mg KOH/g

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. (Status: 11/2015)

Evonik Resource Efficiency GmbH · Goldschmidtstrasse 100 · 45127 Essen · Germany · PHONE +49 201 173-2222 · FAX +49 201 173-1939 · www.tego.de

Registration status

TEGO® Dispers 610 respectively its ingredients are listed in the following chemical inventories: ECL, EINECS, ENCS, TSCA, 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.

Packaging

steel canister 25 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.