

TEGO® Dispers 641

DESCRIPTION

TEGO® Dispers 641 is a polymeric wetting and dispersing additive used to disperse pigments with non-polar long-oil alkyd resins. Its outstanding viscosity reduction can be observed especially in low-polar solvents. Especially suitable for inorganic pigments.

KEY BENEFITS

- highly suitable for non-polar long oil alkyd resin system
- excellent viscosity reduction for carbon black, organic, and inorganic pigments

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

- Inkjet Inks
- Pigment concentrates
- Architectural paints

TECHNICAL DATA

active matter content	40 %
amine value (as supplied)	Approx. 11 mg KOH/g
appearance	liquid
chemical description	solution of a high molecular weight polymer
solvent	methoxypropylacetate
viscosity at 25 °C	Approx. 100 mPas

SOLUBILITY

Water	Ethanol
●	●
TPGDA	Butylacetate
●	●
Mineral Spirits	
●	
● not soluble ● partly soluble ● soluble	

RECOMMENDED ADDITION LEVEL

As supplied calculated on inorganic pigment: 5.0 - 15.0 %
 As supplied calculated on organic pigment: 30.0 - 80.0 %
 As supplied calculated on carbon black: 50.0 - 100.0 %

PROCESSING INSTRUCTIONS

Add to the grind before dispersion.

HANDLING & STORAGE

When stored in an original unopened packaging, the product has a shelf life of 24 months from the date of manufacture.

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