

# TEGO® Dispers 628

## DESCRIPTION

TEGO® Dispers 628 is a wetting and dispersing additive for medium- to high-polarity solvents. Provides outstanding viscosity reduction with inorganic pigments, especially titanium dioxide. Color acceptance of bases containing TEGO® Dispers 628 is good.

## KEY BENEFITS

- outstanding viscosity reduction with inorganic particles
- highly filled bases become possible

## 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

- Car repair coatings
- Transportation coatings
- Pigment concentrates
- General industrial coatings

## TECHNICAL DATA

<b>acid value (as supplied)</b>	Approx. 35 mg KOH/g
<b>active matter content</b>	50 %
<b>appearance</b>	clear to hazy liquid
<b>chemical description</b>	solution of a high molecular weight polymer
<b>solvent</b>	methoxypropylacetat / xylene 1 : 1
<b>viscosity at 25 °C</b>	Approx. 40 mPas

## SOLUBILITY

<b>Water</b>	<b>Ethanol</b>
●	●
<b>TPGDA</b>	<b>Butylacetate</b>
●	●
<b>Mineral Spirits</b>	
●	

● not soluble ● partly soluble ● suitable

## RECOMMENDED ADDITION LEVEL

As supplied calculated on inorganic pigment: 5.0 - 20.0 %  
Recommended addition level for co-grind: 0.3 - 3.0 %

## PROCESSING INSTRUCTIONS

- Add to the grind before dispersion.
- Stir before use!

## 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](http://www.coating-additives.com)