

# TEGO® Dispers 735 W

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

Very compatible polymeric wetting and dispersing additive for inorganic pigments.

### 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 inorganic pigment: 4 - 20 %  
As supplied calculated on organic pigment: 10 - 40 %  
Recommended addition level for co-grind: 0.5 - 2.0 %

### Processing instructions

- Add to the grind before dispersion.
- For inorganic pigment concentrates the addition of the rheology modifiers (for example fumed silica) has proven to be beneficial.
- In case of foam build up during pigment dispersion use a highly effective but also compatible defoamer concentrate (for example TEGO® Foamex 8050, TEGO® Foamex 810, TEGO® Foamex 830).
- Starting point formulations for the production of pigment concentrates are available on request.

### Formulation advices

Add to millbase before grinding. Solvent-free alternative: TEGO® Dispers 755 W. Addition of TEGO® 810 is recommended in cases where strong foam development occurs.

### Chemical description

solution of an organo-modified polyacrylate with groups of high pigment affinity

### Technical information

- appearance yellowish clear liquid
- active matter content approx. 40 %
- solvent dipropylene glycol monomethylether / water / propylene glycol-n-butylether 6 : 6 : 1
- viscosity at 25 °C approx. 800 mPa s

### Registration status

TEGO® Dispers 735 W respectively its ingredients are listed in the following chemical inventories: DSL, EINECS, ENCS, TSCA, TCSI.

All intentional ingredients are listed on the DSL (Domestic Substance List) inventory or have been notified pursuant to the NSN (New Substances Notification) regulations.

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.

### Packaging

plastic pail 25 kg

### Storage stability

When stored in an original unopened packaging between +4 and +40 °C, the product has a shelf life of at least 12 months from the date of manufacture.

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