

Additives for coatings and printing inks
DISPARLON®

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DISPARLON® DA-375

(Wetting / dispersing agent)

DISPARLON® DA-375 is a solvent-free wetting/dispersing agent composed of polyether phosphate and is suitable for solvent-free systems. DISPARLON® DA-375 is highly effective for wetting/dispersing pigments and fillers. DISPARLON® DA-375 reduces the viscosity of high pigment/filler loading systems and improves gloss, color strength, and DOI. DISPARLON® DA-375 can be used with acid curing catalysts as it does not interact with them.

ADVANTAGES

- Excellent pigment wetting, dispersing, and viscosity reduction properties
- Improves gloss, color strength, and DOI
- No deleterious effect on catalyst performance
- Solvent-free

APPLICATIONS

DISPARLON® DA-375 can be used in a wide range of solvent-free and solvent coatings and inks.

INCORPORATION

- Additive levels : 1 – 20 wt% for inorganic pigments, body pigments and fillers
30 – 100 wt% for organic pigments and carbon black
The optimal additive level should be determined under an actual use condition.
- Method : Addition at a grinding/dispersing stage is recommended.

TYPICAL PROPERTIES

(The following figures are typical properties, not to be used for specification.)

Appearance	Light yellow to amber liquid
Non-volatile matter	95.0 % or more
Acid value	14.5
Density (20 deg.C)	1.03 g/cm ³



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