

Additives for coatings and printing inks
DISPARLON[®]

ID-9146E
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DISPARLON[®] DA-375
 (Pigment wetting/ dispersing agent)

DISPARLON DA-375 is a solvent free wetting and dispersing agent, based on polyether phosphate ester. **DISPARLON DA-375** is effective in decreasing viscosity in coating systems that are highly filled with pigments or fillers. **DISPARLON DA-375** also contributes to increased DOI (depth of image) and coloration in case of a film including organic pigment. **DISPARLON DA-375** can be used in systems containing acid catalysts because it will not react with the catalyst.

TYPICAL PROPERTIES

Appearance	Light yellow to amber liquid
Active component	100%
Acid value	14
Density at 20 degree C	1.03 (g/cm ³)

INCORPORATION

DISPARLON DA-375 should be added to the mill base before grinding.

Recommended additive level: 1 % ~ 20 % by weight of pigment
 (Inorganic pigment and fillers)
 30% ~ 100% by weight of pigment.
 (Organic pigment, and carbon black)

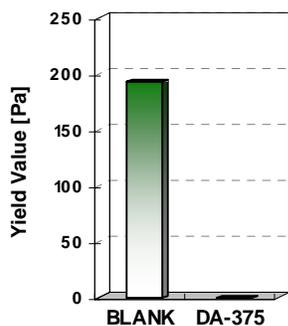


Fig.1 In case of TiO₂ in polyester polyol. Additional level: 2.5%

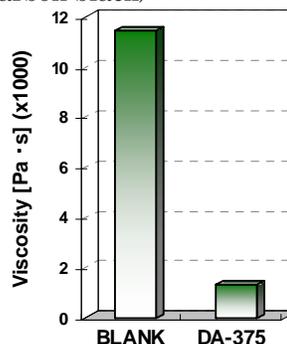


Fig.2 In case of CaCO₃ in epoxy resin solution. Additional level: 6.0%

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