



DISPARLON[®] DA-234

Pigment Wetting/Dispersing Agent

TECHNICAL DATA SHEET

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DISPARLON[®] DA-234 is a solvent-free wetting and dispersing agent composed of polyether phosphate and polyamine, and is suitable for solvent-free systems. DISPARLON[®] DA-234 is effective for wetting pigments, which shortens dispersing time, allows for higher pigment loading, and reduces the viscosity of a mill base.

TYPICAL PROPERTIES

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

Appearance	Amber liquid
Non-volatile matter	95.0% or more
Density (20 °C)	1.030 g/cm ³
Acid value (mgKOH/g)	16
Amine value (mgKOH/g)	17

ADVANTAGES

- Excellent pigment wetting, dispersing, and viscosity reduction performances
- Solvent-free

APPLICATION

DISPARLON[®] DA-234 can be used in a wide range of solvent-free and solvent-borne coatings and is especially recommended for polyester polyols used as 2K urethane coating systems.

INCORPORATION

Addition levels

5–20 wt% based on inorganic pigments and body pigments

30–100 wt% based on organic pigments and carbon black

The optimal additive level should be determined under actual use conditions.

Method

Addition during the grinding or dispersing stage is recommended.



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