

EDAPLAN[®] 480

TECHNICAL INFORMATION

Wetting agent and dispersant for aqueous coatings and pigment concentrates

Composition: Solution of acrylic polymer with pigment affinic groups in Water

Appearance: liquid
Colour: yellow

Typical Properties:

Active ingredients:	approx. 85 %
Consistency:	medium viscosity
Density at 20°C:	approx. 1.11 g/cm ³
Flash point:	> 100 °C
pH (2% in dist. water):	approx. 9

This information is intended as a guideline only and should not be used to issue specifications. Slight deviations do not affect application and capability of the product. For specifications please consult the Certificate of Analysis.

Properties/applications: EDAPLAN 480 is a solvent free wetting agent and dispersant for organic and inorganic pigments and extenders in aqueous media. It is ideal for the manufacture of flood/float-free aqueous coatings systems (air dry and force dry, 2K-systems) as well as for the manufacture of aqueous and glycol containing resin-free pigment concentrates. EDAPLAN 480 stabilizes dispersed pigments and extenders and reduces the mill-base viscosity. Gloss, colour strength and hiding power are improved and reflocculation is prevented. Base paints made with EDAPLAN 480 show very good compatibility on tinting with pigment concentrates.

Recommended levels/use: Ladder studies are recommended to determine optimum concentration level. Normal dosage ranges from 0.5 - 20 % for inorganic pigments and from 10 - 60 % for organic pigments, calculated on pigment solids. For dosage recommendations of specific pigments and for determination of dispersant demand please consult our additional technical information.

Storage/handling: EDAPLAN 480 ist not sensitive to freezing but for better handling it should be stored between 15 and 25 °C. The minimum shelf life in closed containers is 15 months from the date of manufacture.

Packaging: Drums holding 165 kg net and kegs holding 30 kg net.