

EDAPLAN[®] 710

TECHNICAL INFORMATION

Wetting and dispersing agent for solvent borne and UV-systems

Composition: High molecular weight block copolymer with pigment affinic groups dissolved in dicarboxylic acid ester

Appearance: liquid
Colour: light yellow, clear

Typical Properties:

Active ingredients:	approx. 30 %
Viscosity:	approx. 1000 mPa*s
Density at 20°C:	approx. 1,09 g/cm ³
Flash point:	72°C
pH (2% in dist. water):	approx. 7

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 710 is a high molecular weight dispersing agent for 100 % UV-systems which can also be used in solvent borne systems. It is specifically designed for dispersing and stabilisation of phthalocyanine pigments but it is also suitable for other organic as well as inorganic pigments and carbon blacks. EDAPLAN 710 reduces the viscosity at low shear ranges and stabilizes the pigments against flocculation. Furthermore it increases gloss and colour strength of the coating.

Recommended levels/use: For dispersing phthalocyanine pigments approx. 60-80 % EDAPLAN 710 are needed. Ladder studies are recommended to determine optimum concentration level. Dosage recommendations for specific pigments and determination of dispersant demands are available in our additional technical information about dispersants.

Storage/handling: EDAPLAN 710 should be stored between 15°C and 25°C. The product should be stirred well before use. Transport and storage at temperatures below 5°C can cause clouding or separation of the product. Then the product can be homogenized by stirring at temperatures above 20°C. The minimum shelf life in closed containers is 15 months from the date of manufacture.

Packaging: Drums holding 155 kg net and kegs holding 30 kg net.