

Disponer 986

Wetting and Dispersing Agent

DESCRIPTION

Disponer 986 is suitable for high transparency organic pigment in solvent-based coating system; Disponer 986 has good dispersing effect and heat storage stability of pigment concentrateations.

TYPICAL PROPERTIES

These values are used as reference. For detailed product specifications, please contact our distributor or sales department.

Composition	: modified polyurethane
Appearance	: yellow clear to slight hazy liquid
Non-volatile content	: 33 - 37%
Solvent	: apropylene glycol monomethyl ether acetate / n-butyl acetate
Specific gravity	: 0.99 - 1.04
Refractive index	: 1.438 - 1.444 (25°C)

FEATURES

- Is a polymeric modified polyurethanr dispersant, it has good dispersible effect of organic pigment.
- Is characterized by its multi-pigment-affinic groups, strong adsorption and thick barrier, especially in preventing dispersed pigments from re-flocculation.
- Prevents reflocculation of pigment, especially suitable for high transparency organic pigments.
- Finished paint with addition of Disponer 986 shows good colour development, hiding power, gloss and evenness.

APPLICATIONS

- Suitable for most inorganic and organic pigments.
- Disponer 986 is recommended in medium to high polarity systems:
 - ♦ alkyd, polyester / melamine
 - ♦ PU coating
 - ♦ acrylic / melamine

PACKING

Net weight: 180 kg / 25 kg

DOSAGE & USE

- Inorganic pigments : 2 - 5% based on pigment.
- Organic pigments : 20 - 80% based on pigment.
- Disponer 986 should be incorporated in the mixture of solvent and resin prior to the pigment.
- Due to the variation of surface and oil-absorption characteristics of pigments as well as compatibility of dispersing agent in each coating systems, it is suggested to test at various dosages on pigment to obtain optimum results.

The data presented is the result of careful and extensive research. However, since the actual conditions under which the materials may be used are beyond our control, no warranty of any kind, expressed or implied, concerning the use of the products is made.

STORAGE

- Keep away from sources of ignition and heat.
- Keep container tightly closed in a dry and well-ventilated place.
- At temperatures below 8°C, turbidity may occur. Warm to 25°C and mix well before use. Product efficiency is not influenced.
- It sensitive to moisture and should therefore be stored in its sealed original containers.

SAFETY

- As it contains a solvent, the product requires special care in handling.
- Avoid eye and skin contact.
- For further information please check MSDS.