

OPTIFLO TVS-VF

VOC-free Associative Thickener

Product Data

Special Features and Benefits

OPTIFLO TVS is a non-ionic, hydrophobe modified polymer designed especially for thickening dispersion paints and aqueous lacquer systems used for tinting systems.. OPTIFLO TVS (tinted viscosity stabilizer) is used in various dispersions such as styrene acrylates, pure acrylates, polyvinyl acetates, and others, as well as in alkyd and epoxy emulsions; in emulsions, an antisagging effect is provided in addition to thickening.

OPTIFLO TVS-VF is transparent and colourless. The use of OPTIFLO TVS-VF

- Improves the viscosity stability upon tinting
- Reduces spatter
- Provides higher layer thicknesses in one pass
- Improves the water resistance against blister formation
- Reduces / avoids syneresis
- Helps to prevent sedimentation
- Provides better sag control

Typical Properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Solid content (in %): 40.5 ± 1

pH-value: 8.0 ± 1

Appearance: transparent, colourless liquid

Viscosity (mPas): approx. 3.000-10.000

Incorporation and Processing Instructions

We recommend the direct incorporation of undiluted OPTIFLO TVS-VF into the paint. If required, OPTIFLO TVS-VF can be diluted with a water/butyldiglycol mixture which leads to a lower processing viscosity.

To secure easy pumpability and pourability of OPTIFLO TVS-VF, it is recommended to keep the product temperature above 10 °C during handling.

Recommended Levels

Depending on the desired rheological properties and the formulation of the paint, 0.3-2.0 % of OPTIFLO TVS-VF is added as supplied.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

Storage and Transportation

12 months OPTIFLO TVS-VF should not be stored below 5 °C and not above 35 °C

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