

MIRAMER M3130

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Technical Data Sheet Diluents

Description

Acrylic acid ester. Reactive diluent for radically curable inks, coatings and adhesives.

Molecular Weight	~ 428
CAS-No.	28961-43-5
Synonym(s)	TMP(EO)3TA Ethoxylated Trime thylolpropane Triacrylate Triacrylate of oxyethylated Trimethylolpropane

Product Data

Functionality	3
Color Index	≤ 100 APHA
Acid Number	≤ 0.2 mg KOH/g
Hydroxyl Number	≤ 10 mg KOH/g
Water Content	≤ 0.2 %
Viscosity, 25°C	40-80 mPa*s
Density, 25°C	1.10 g/cm ³
Refractive Index	1.4689
Flash Point	> 100°C

Properties

The product properties can be described as follows:

- high reactivity and low oxygen inhibition
- good abrasion and solvent resistance
- high flexibility
- toluene free

Excellent reactivity and non-yellowing is achieved with GENOCURE* MBF as photoinitiator.

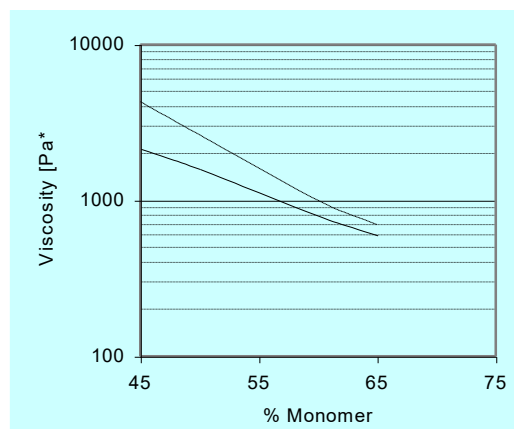
Application

- paper and board varnishes
- wood and industrial coatings
- plastic coatings
- printing inks and varnishes
- overprint varnishes

The product is used up to 70% in association with urethane acrylates, polyester or epoxy acrylates and acrylate monomers.

Packaging

- 200 kg net inner-coated steel drum



Storage

Store this product in tightly closed containers in a properly vented storage area under dry conditions away from heat, sparks and open flames. Avoid exposing the material to direct sunlight. Do not store this material under an oxygen-free atmosphere. Shelf life is 6 months from receipt. For additional information, please see Safety Data Sheet.

Precautions

Please refer to Safety Data Sheet.

Labeling

Please refer to Safety Data Sheet.

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