

# GENOMER\* 4312TF

# RAHN

Your partner for excellence

## Technical Data Sheet

### Urethane Acrylate

#### Description

Aliphatic polyester urethane acrylate. Resin for radically curable inks, coatings and adhesives.

#### Product Data

|                 |                        |
|-----------------|------------------------|
| Functionality   | 3                      |
| Color Index     | ≤ 3 Gardner            |
| Viscosity, 25°C | 50'000 – 70'000 mPa*s  |
| Acid Number     | ≤ 3 mg KOH/g           |
| Density, 20°C   | 1.14 g/cm <sup>3</sup> |
| Flash Point     | > 100°C                |

#### Properties

The product properties can be described as follows:

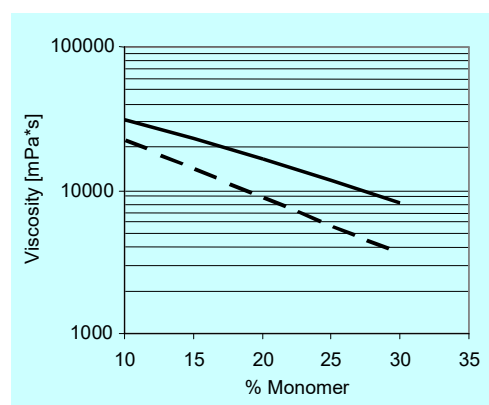
- excellent reactivity, especially in pigmented systems
- good abrasion and solvent resistance
- low odor
- good flexibility

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

#### Application

- printing inks and varnishes
- varnishes for paper, board and plastics
- wood and industrial coatings
- adhesives

Viscosity reduction at 25°C with TPGDA (---) and PPTA (—) is shown in the graph below.



#### Packaging

- 20 kg net container
- 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. This product may crystallize. If so, heat slowly to a maximum of 60°C with stirring to reverse crystallization. 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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