

POLYESTER ACRYLATE 03-849

Technical Data Sheet

Polyester / Polyether Acrylate

RAHN

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Description

Polyester acrylate. Resin for radically curable inks, coatings and adhesives.

Product Data

| | |
|------------------------|------------------------|
| Functionality | 3 |
| Color Index | ≤ 10 Gardner |
| Viscosity, 25°C | 18'000 – 30'000 mPa*s |
| Acid Number | ≤ 5 mg KOH/g |
| Density, 20°C | 1.16 g/cm ³ |
| Flash Point | > 100°C |
| Refractive Index, 20°C | 1.5055 |

Properties

The product properties can be described as follows:

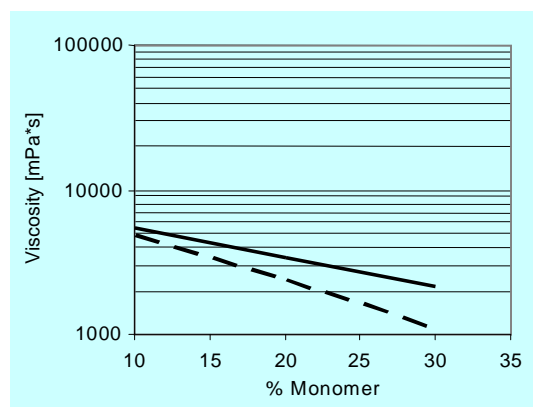
- medium up to high reactivity
- good scratch and solvent resistance
- medium flexibility and hardness

The product provides good adhesion onto various substrates such as PVC, polyolefines, polyester and polystyrene.

Application

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

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



Packaging

- 25 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. 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

Avoid direct exposure to the eyes and skin. The product may cause irritation by prolonged or repeated exposure. Allergies of the skin may occur. The recommendations for handling and usage must be followed diligently (see Safety Data Sheet).

Labeling

Please refer to Safety Data Sheet.

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