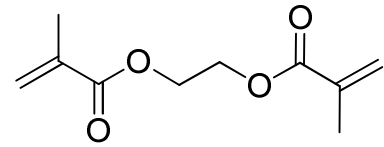


VISIOMER® EGDMA

Ethyleneglycol dimethacrylate



CAS-No.: 97-90-5

Quality on supply

Appearance: clear, colorless to yellowish liquid
Odor: ester-like

Standard specification

| | | Test Method |
|-------------------------|-------------------|---|
| Reactive-ester content: | min. 99.0 % | M2-34 (GC) |
| Acid content: | max. 0.05 % | M4 (acid-base titr., calculated as GMAA) |
| Water content: | max. 0.05 % | M3 (according to K. Fischer) |
| Color: | max. 50 | M5 (Pt-Co) |
| Stabilization: | 100 ± 10 ppm MEHQ | M1-9 (HPLC) |

Following data are not part of the product specification but serve as benchmarks.

Physical Data

| | |
|--------------------------|--|
| Molecular weight | 198.2 g/mol |
| Density | 1.051 g/cm ³ at 20 °C |
| Refractive index | 1.455 at 20 °C |
| Boiling point | 240 °C at 1013 hPa |
| Vapor pressure | 0.01 hPa at 20 °C (OECD 104) |
| Solidification point | - 20 °C |
| Viscosity | 3.2 mPa·s at 20 °C |
| Autoignition temperature | 395 °C (DIN 51794) |
| Flash point | 104 °C (ASTM D93 / Pensky Martens Closed up) |
| Solubility in water | 1.086 mg/l at 20 °C (OECD 105) |

Registration

| | |
|------------------|----------------|
| REACH | pre-registered |
| included in TSCA | + |

General Hints

For information about health protection and shipment see our Safety Data Sheet

Application

Crosslinking agent for the free radical polymerization. Coagent for peroxide crosslinking of elastomers.

Shelf life of the standard stabilized product: 6 months at max. 30 °C from date of delivery

Ref.-No.: VISIOMER® EGDMA / VM 041-e - 01/2009

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