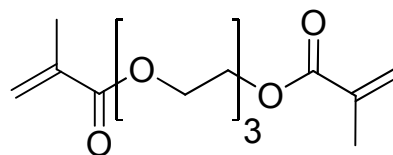


## VISIOMER® TRGDMA

### Triethyleneglycol dimethacrylate



CAS-No.: 109-16-0

#### Quality on supply

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

#### Standard specification

		Test Method
Reactive ester content	min. 98.0 %	M2-25 (GC)
Degree of purity	min. 95.0 %	M2-25 (GC)
Acid content	max. 0.02 %	M4 (acid-base titr., calculated as GMAA)
Water content	max. 0.50 %	M3 (according to K. Fischer)
Color	max. 50	M5 (Pt-Co)
Stabilization	100 ± 20 ppm HQME	M1-1 (HPLC)

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

### Physical Data

Molecular weight	286.3 g/mol
Density	1.092 g/cm <sup>3</sup> (20 °C)
Refractive index	1.46 at 20 °C
Boiling point	> 250 at 1013 hPa (OECD 103)
Vapor pressure	< 1.3 hPa at 100 °C
Solidification point	- 52 °C
Viscosity	10 mPa·s at 20 °C
Autoignition temperature	255 ° (DIN 5794)
Flash point	150 °C (ASTM D93/Pensky Martens Closed up)
Solubility in water	5 g/l (20 °C)

### 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.  
 Adhesion promoter and hardener for PVC plastisols. Component in reactive adhesives.

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

Ref.-No.: VISIOMER® TRGDMA / VM 008-e - 01/2009

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