



## Triethyleneglycol dimethacrylate

Data sheet VM 008

## VISIOMER<sup>®</sup> TRGDMA

CAS 109-16-0

### Quality on supply

Appearance: clear, colorless to slightly yellowish liquid

Odor: ester-like

### Standard specification

		<i>Roehm method</i>	
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)

**Technical service****Phone** (06151) 18-45 06  
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**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> at 20 °C
Refractive index:	1.46 at 20 °C
Boiling point:	> 250 at 1013 hPa (OECD 103)
Solidification point:	- 52 °C
Viscosity:	10 mPa·s at 20 °C
Flash point:	150 °C (ASTM D93/Pensky Martens Closed up)
Autoignition temperature:	255 ° (DIN 5794)
Vapor pressure:	< 1.3 hPa at 100 °C
Solubility in water:	5 g/l at 20 °C

**Registration**REACH: pre-registered  
included in TSCA: +**Shelf life of the standard stabilized product:  
6 months at max. 30 °C from date of delivery.****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.**Status: Jan. 2009**

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