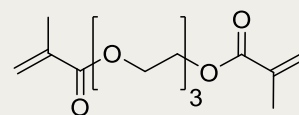


Product Information  
**VISIOMER® TRGDMA**



## 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 MEHQ	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	1.09 g/cm <sup>3</sup> (20 °C)
Refractive index	1.46 (20 °C)
Boiling Temperature	> 250 °C (1,013 hPa), OECD 103
Vapor pressure	0.077 Pa (100 °C)
Melting range	– 88 °C, OECD 102
Viscosity (kinematic)	9,15 mm <sup>2</sup> /s (20 °C) (DIN 51562)
Ignition Temperature	255 °C (1,013 hPa), DIN 5794
Flash point	> 150 °C, ASTM D93/Pensky Martens Closed Cup
Solubility in water	3.6 g/l (20 °C)

### Registration

REACH	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 – 06/2021

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\* = registered trademark

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