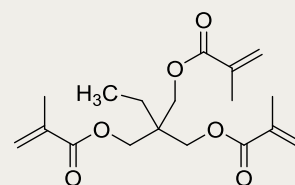


Product Information  
**VISIONER® TMPTMA**



## Trimethylolpropane trimethacrylate

CAS-No.: 3290-92-4

### Quality on supply

Appearance: clear to slightly turbid, yellowish liquid  
Odor: faintly ester-like

### Standard specification

		Test Method	
Reactive ester content	min. 98.00 %	M2-35	(GC)
Acid content	max. 0.050 %	M4	(acid-base titr., calculated as GMAA)
Water content	max. 0.100 %	M3	(according to K. Fischer)
Color	max. 100	M5	(Pt-Co)
Stabilization	100 ± 10 ppm MEHQ	M1-1	(HPLC)

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

### Physical Data

Molecular weight	338.3 g/mol
Density	1.07 g/cm <sup>3</sup> (20 °C) (DIN 51757)
Refractive index	1.473 at 20 °C
Boiling point	> 200 °C (1,013 hPa), OECD 103
Melting range	– 62 °C (1,013 hPa), OECD 102
Viscosity	68.6 mPa·s (20 °C), (Brookfield)
Ignition temperature	350 °C (DIN 51794)
Flash point	177 °C (ASTM D93/Pensky Martens Closed Cup)
Vapour pressure	0.003 Pa (20 °C)
Solubility in water	20.1 mg/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. 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® TMPTMA / VM 038-e – 03/2014

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\* = registered trademark

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