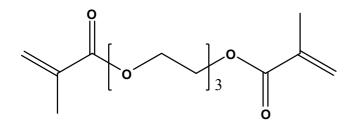


VISIOMER® TRGDMA



## Triethyleneglycol dimethacrylate Data sheet VM 008

CAS	109-16-0			
Quality on supply				
Appearance:	clear, colorless to slightly yellowish liquid			
Odor:	ester–like			
Standard specification				
		Roehm n	oehm 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:	$100 \pm 20 \text{ ppm HQME}$	M1-1	(HPLC)	

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## VM 008

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

<b>Physical data</b> Molecular weight:	286.3 g/mol	General hints	
Density:	1.092 g/cm³ at 20 °C	For information about health protection and shipment see our safety Data Sheet.	
Refractive index:	1.46 at 20 °C		
Boiling point:	> 250 at 1013 hPa (OECD 103)	<b>Application</b> Crosslinking agent for the free radical polymerization. Adhesion promoter and hardener for PVC plastisols. Component in reactive adhesives.	
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		
<b>Registration</b> REACH: included in TSCA:	pre–registered +		

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

Status: Jan. 2009

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