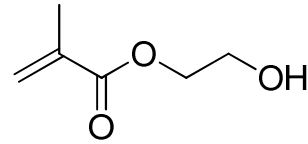


VISIOMER® HEMA 98

2-Hydroxyethyl methacrylate



CAS-No.: 868-77-9

Quality on supply

Appearance: clear, colorless liquid
 Odor: ester-like

Standard specification

		Test Method
Degree of purity	min. 98.00 %	M2-8 (GC)
PEG-MA *1	max. 1.50 %	M2-8 (GC)
EGDMA *2	max. 0.20 %	M2-8 (GC)
Acid content	max. 0.100 %	M4 (acid-base titr., calculated as GMAA)
Water content	max. 0.1 %	M3 (according to K. Fischer)
Color	max. 30	M5 (Pt-Co)
Stabilization	200 ± 20 ppm HQME	M1-1 (HPLC)

*1 Polyethyleneglycol monomethacrylates

*2 Ethyleneglycol dimethacrylate

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

Physical Data

Molecular weight	130.1 g/mol
Density	1.07 g/cm ³ at 20 °C
Refractive index	1.453 at 20 °C
Boiling point	213 °C at 1013 hPa
Vapor pressure	0.08 hPa at 20 °C
Solidification point	below - 60 °C
Heat of polymerization	50 kJ/mol
Viscosity	5 mPa·s at 30 °C
Autoignition temperature	375 °C (DIN 51794)
Flash point	106 °C (DIN 51758)
Solubility	at 20 °C miscible with water in any ratio

Registration

REACH registered
 included in TSCA +

General Hints

For information about health protection and shipment see our Safety Data Sheet

Application

Adhesion promoter for polymers. Thermosetting paints. Hydrophilic polymers. Light-curing polymer systems.

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

Ref.-No.: VISIOMER® HEMA 98 / FM 202-e - 08/2011

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