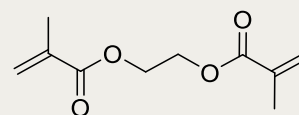


Product Information
VISIOMER® EGDMA



Ethyleneglycol dimethacrylate

CAS-No.: 97-90-5

Quality on supply

Appearance: clear, colorless to yellowish liquid

Odor: ester-like

Standard specification

		Test Method	
Reactive-ester content:	min. 99.0 %	M2-34	(GC)
Acid content:	max. 0.05 %	M4	(acid-base titr., calculated as GMAA)
Water content:	max. 0.05 %	M3	(according to K. Fischer)
Color:	max. 50	M5	(Pt-Co)
Stabilization:	100 ± 10 ppm MEHQ	M1-9	(HPLC)

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

Physical Data

Molecular weight	198.2 g/mol
Density	1.051 g/cm ³ (20 °C)
Refractive index	1.455 (20 °C)
Boiling point	275 °C (965.8 hPa)
Vapor pressure	0.01 hPa (20 °C) (OECD 104, dyn. method)
Melting point	– 40 °C
Viscosity (kinematic)	3.06 mm ² /s (20 °C) (DIN 51562)
Ignition temperature	395 °C (1,018 hPa) (DIN 51794)
Flash point	104 °C (ASTM D93 / Pensky Martens Closed Cup)
Solubility in water	1086 mg/l (20 °C) (OECD 105)

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. 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® EGDMA / VM 041-e – 11/2023

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* = registered trademark

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