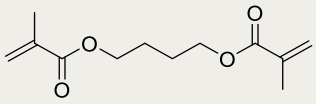
VISIOMER®

Product Information

VISIOMER® 1,4-BDDMA



1,4-Butanediol dimethacrylate

CAS-No.: 2082-81-7

Quality on supply

Appearance: clear slightly yellowish liquid

Odor: ester-like

Standard specification

		Test Method	
Reactive ester content	min. 98.00 %	M2-15	(GC)
Degree of purity	min. 90.00 %	M2-15	(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	226.3 g/mol
Density	1.024 g/cm³ (20 °C) (DIN 51757)
Refractive index	1.457 at 20 °C
Boiling Temperature	> 211 °C (1,025 hPa), OECD 103 (polymerisation)
Vapor pressure	0.001 hPa (20 °C) (OECD 104, dynamic method)
Melting Point	- 23 °C (OECD 102)
Viscosity	6.5 mPa·s (20 °C)
Ignition temperature	290 °C (DIN 51794)
Flash point	139 °C (ASTM D 93/Pensky Martens Closed Cup)
Solubility in water	243 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. 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® 1,4-BDDMA / VM 005-e - 10/2014

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