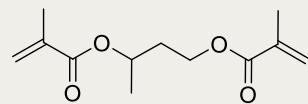


Product Information

VISIOMER® 1,3-BDDMA



1,3-Butanediol dimethacrylate

CAS-No.: 1189-08-8

Quality on supply

Appearance: clear, colorless to yellowish liquid
 Odor: ester like

Standard specification

		Test Method
Reactive ester content	min. 98.00 %	M2-26 (GC)
Degree of purity	min. 90.00 %	M2-26 (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	200 ± 20 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	1.01 g/cm ³ (25 °C)
Refractive index	1.452 (20 °C)
Boiling temperature	>211 °C (1,025 hPa), OECD 103, polymerization (conclusion by analogy)
Vapor pressure	0.001 hPa (20 °C), OECD 104, dynamic method (conclusion by analogy)
Melting point	- 23 °C, OECD 102 (conclusion by analogy)
Viscosity	4.9 mPa·s (20 °C)
Ignition temperature	290 °C, DIN 51794 (conclusion by analogy)
Flash point	139 °C, ASTM D 93/Pensky Martens Closed Cup (conclusion by analogy)
Solubility in water	243 mg/l (20 °C), OECD 105 (conclusion by analogy)

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 radical polymerization. Adhesion promoter and hardener for PVC plastisols.

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

Ref.-No.: VISIONER® 1,3-BDDMA / VM 004-e – 08/2014

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