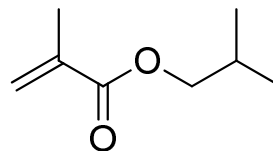


VISIOMER® i-BMA

iso-Butylmethacrylat



CAS-No.: 97-86-9

Quality on supply

Appearance: clear, colorless liquid

Odor: ester-like

Standard specification

		Test Method
Degree of purity	min. 99.50 %	M2-14 (GC)
Acid content	max. 0.0050 %	M4 (acid-base titr., calculated as GMAA)
Water content	max. 0.020 %	M3 (according to K. Fischer)
Color	max. 5	M5 (Pt-Co)
Stabilization*	100 ± 10 ppm MEHQ	M1-1 (HPLC)

* The standard stabilization can be varied on request.

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

Physical Data

Molecular weight	142.2 g/mol
Density	0.89 g/cm ³ at 20 °C
Refractive index	1.420 at 20 °C
Boiling point	155 °C at 1013 hPa
Vapor pressure	2,11 hPa at 20 °C
Solidification point	- 35 °C (OECD 102)
Heat of polymerization	59.9 kJ/mol
Viscosity	0.9 mPa·s at 20 °C
Flash point	42,5 °C (DIN 51755)
Solubility in water	170 mg/l at 20 °C

Registration

REACH	registered
included in TSCA	+

General Hints

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

Application

Polymerization and copolymerization in emulsion and solution. Used in the lacquer, leather, paper and textile industries. Base material for coatings and adhesives. Usable in oil additives and dental products.

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

Ref.-No.: VISIOMER® i-BMA / AM 004-e - 08/2011

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