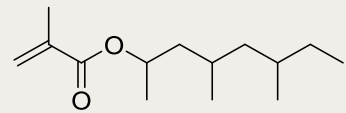


Product Information  
**VISIOMER® IDMA**



**Isodecyl methacrylate**

CAS-No.: 29964-84-9

**Quality on supply**

Appearance: clear, colorless to yellowish liquid

Odor: slightly ester-like

**Standard specification**

		Test Method	
Degree of purity	min. 97.0 %	M2-140	(GC)
Acid content	max. 0.02 %	M4	(acid-base titr., calculated as GMAA)
Water content	max. 0.20 %	M3	(according to K. Fischer)
Color	max. 50	M5	(Pt-Co)
Stabilization	100 ± 25 ppm MEHQ	M1-1	(HPLC)

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

## Physical Data

Molecular weight	226 g/mol (average)
Density	0.88 g/cm <sup>3</sup> (20 °C) (DIN 51757)
Refractive index	1.444 (20 °C)
Boiling point/range	263 °C (1,013 hPa) (OECD 103)
Viscosity (kinematic)	2.3 mm <sup>2</sup> /s (40 °C)
	3.56 mm <sup>2</sup> /s (20 °C) (DIN 51562)
Ignition temperature	295 °C (1,013 hPa) (DIN EN ISO/IEC 17025)
Flash point	100 °C (DIN 51758/Pensky Martens Closed Cup)
Solubility in water	199 µg/l (20 °C) (OECD 105) (own study)

## Registration

REACH	registered
included in TSCA	+

## General Hints

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

## Application

Comonomer in paint resins and plastics.

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

Ref.-No.: VISIOMER® IDMA / AM 023-e - 11/2016

This information and all further technical advice is based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

\* = registered trademark

**Evonik Performance Materials GmbH**  
 Business Line Methacrylates  
 Kirschenallee  
 64293 Darmstadt  
 Germany

visiomer@evonik.com  
[www.visiomer.com](http://www.visiomer.com)  
[www.evonik.com](http://www.evonik.com)