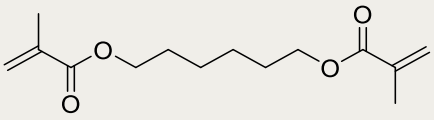
VISIOMER®

Product Information

# VISIOMER® 1,6-HDDMA



## 1,6-Hexanediol dimethacrylate

CAS-No.: 6606-59-3

### Quality on supply

Appearance: clear, colorless to yellowish liquid

Odor: ester-like

### Standard specification

| | | Test Method | |
|---|---|---|---|
| Reactive ester content | min. 98.0 % | M2-85 | (GC) |
| Degree of purity | min. 93.0 % | M2-85 | (GC) |
| Acid content | max. 0.05 % | M4 | (acid-base titr., calculated as GMAA) |
| Water content | max. 0.50 % | 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 | 254 g/mol |
| Density | 0.998 g/cm³ (20 °C) (DIN 51757) |
| Refractive index | 1.459 (20 °C) |
| Boiling temperature | app. 190 °C (1,013 hPa), (DIN 53171) |
| Vapor pressure | 0,64 hPa (25 °C) |
| Solidification point | 2.11 °C (OECD 102) |
| Viscosity (kinematic) | 6.33 mm²/s (20 °C) (DIN 51562) |
| Flash point | 117 °C (ASTM D93/Pensky Martens Closed Cup) |
| Solubility in water | 23 mg/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

Hydrophobic crosslinker for photoresists, photopolymer plates and dental compounds.

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

Ref.-No.: VISIOMER® 1,6-HDDMA / VM 011-e - 05/2018

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