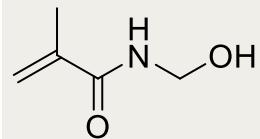


## Product Information

## VISIOMER® N-MMAA



**N-Methylol Methacrylamide**  
60 % aqueous solution

CAS-No.: 923-02-4

**Quality on supply**

Appearance: clear, colorless to yellowish liquid  
 Odor: faintly ester-like  
 Monomer content: 60 ± 3.5 % M37

**Standard specification**

Test Method			
N-Methylol Methacrylamide	min. 52.0 %	M37	(100 % minus a, b, c)
Methacrylamide	max. 8.0%	(a) M40	(HPLC)
Formaldehyde	max. 2.0 %	(b) M7	(Titration)
Water content	40 ± 1.5 %	(c) M3	(according to K. Fischer)
pH-value	7 ± 1	M28-2	(Potentiometric)
Color	max. 100	M5	(Pt-Co)
Stabilization	120 ± 20 ppm MEHQ	M1-1	(HPLC)

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

### Physical Data

Molecular weight	115.1 g/mol
Density	1.1 g/cm <sup>3</sup> (20 °C)
Refractive index	1.435 (20 °C)
Boiling point	102 °C (1,015 hPa) (DSC-analysis)
Melting point/freezing point	-22 °C (1,015 hPa) (DSC)
Ignition temperature	395 °C (1,005 hPa) (DIN 51794)
Viscosity	7.601 mPa·s (20 °C)
Solubility in water	miscible (20 °C)

### Registration

REACH	registered
included in TSCA	+

### General Hints

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

### Application

Special monomer for heat-curable paints and self-crosslinking emulsions.

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

Ref.-No.: VISIONER® N-MMAA / FM 101-e – 01/2015

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