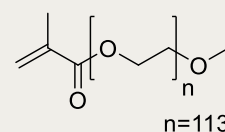


**Product Information**
**VISIOMER® MPEG 5005 MA W**

**Methoxypolyethylene glycol 5000–methacrylate  
50 % in water**

CAS-No.: 26915-72-0

**Quality on supply**

Appearance: at room temperature clear, colorless to yellowish liquid

Odor: faintly ester-like

**Standard specification**

		Test Method	
Acid number	max. 20 mg KOH/g (= max. 3.1 % GMAA)	M4	(acid–base–titr., calculated as GMAA)
Water content	50 ± 2 %	M3	(according to K. Fischer)
Stabilization	200 ± 20 ppm MEHQ	M1–1	(HPLC)
Degree of conversion	> 95 mol.-%	M94	(NMR)

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

### Physical Data

Molecular weight	~ 5000 g/mol
Density	~ 1.08 g/cm <sup>3</sup> at 20 °C
Refractive index	approx. 1.408 at 20 °C
Boiling point	100 °C (water) (1013 hPa)
Vapor pressure	approx. 23 hPa (20 °C)
Melting temperature	< 4 °C
Viscosity	~ 180 mPa·s at 15 °C ~ 145 mPa·s at 20 °C ~ 125 mPa·s at 23 °C ~ 115 mPa·s at 25 °C ~ 90 mPa·s at 30 °C
Solubility	miscible
Molecular weight	~ 5000 g/mol

### Registration

REACH	pre-registered, registered or exempted
included in TSCA	+

### General Hints

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

### Application

Waterbased coatings, polymerisable emulsifier, textile and water treatment, paper production, additive for concrete.

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

Ref.-No.: VISIOMER® MPEG 5005 MA W / FM 517-e – 08/2013

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\* = registered trademark

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