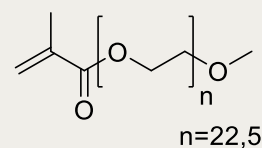


Product Information

VISIOMER® MPEG 1005 MA W



**Methoxypolyethylene glycol 1000–methacrylate
50 % in water**

CAS-No.: 26915-72-0
79-41-4

Quality on supply

Appearance: at room temperature clear, colorless to yellowish liquid
Odor: faintly ester-like

Standard specification

		Test Method	
Acid number	max. 70.0 mg KOH/g (max. 10,7 % 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	~ 1000 g/mol
Density	1.08 g/cm ³ (20 °C)
Refractive index	approx. 1.407 (20 °C)
Start of boiling	approx. 100 °C (1,013 hPa)
Vapor pressure	approx. 23 hPa (20 °C)
Melting temperature	approx. < 4 °C
Viscosity	43 mPa·s at 15 °C 33 mPa·s at 20 °C 29 mPa·s at 23 °C 26 mPa·s at 25 °C 21 mPa·s at 30 °C
pH-Value	approx. 3 (500g/l) (20 °C)
Solubility in water	miscible

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 1005 MA W / FM 516-e – 06/2014

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* = registered trademark

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