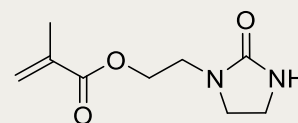


**Product Information**
**VISIOMER® MEEU 25 M**

**N-(2-Methacryloyloxyethyl)ethylene urea  
25 % solution in Methyl methacrylate**

CAS-No.: 86261-90-7  
80-62-6

**Quality on supply**

Appearance: clear, yellowish liquid  
Odor: ester-like

**Standard specification**

|  |                            | Test Method |                           |
|--|----------------------------|-------------|---------------------------|
| Content N-(2-Methacryloyloxyethyl) ethylene urea | 25 ± 3 %                   | M2-4        | (GC)                      |
| Content Methyl methacrylate                      | 73 ± 5 %                   | M50         | (GC)                      |
| Water content                                    | max. 1.0 %                 | M3          | (according to K. Fischer) |
| Color  | max. 250                   | M5          | (Pt-Co)                   |
| Stabilization                                    | 500 ± 100 ppm MEHQ         | M1-1        | (HPLC)                    |
|  | max. 100 ppm Phenothiazine | M1-3        | (HPLC)                    |
| Turbidity  | max. 20 FTU                | M19-3       | DIN 38404 C2/<br>ISO 7027 |

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

### Physical Data

|                          |                                      |
|--------------------------|--------------------------------------|
| Density                  | approx. 1 g/cm <sup>3</sup> (20 °C)  |
| Refractive index         | 1.433 – 1.443 (20 °C)                |
| Start of Boiling         | approx. 100 °C (1,013 hPa) (MMA)     |
| Vapor pressure           | approx. 40 hPa (20 °C)               |
| Viscosity                | approx. 1 mPa·s (20 °C) (Brookfield) |
| Autoignition temperature | 430 °C (DIN 51794) (MMA)             |
| Flash point              | 10 °C (DIN 51755) (MMA)              |
| Explosion limits in air  | 2.1 – 12.5 vol % (MMA)               |

### Registration

|                  |                                       |
|------------------|---------------------------------------|
| REACH            | preregistered, registered or exempted |
| included in TSCA | +                                     |

### General Hints

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

### Application

Polymerization and copolymerization in emulsion and solution. Used in the paint and lacquer industries.

Product may tend to crystallize at temperatures below +10 °C, therefore protect from frost during transport and storage!

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

Ref.-No.: VISIOMER® MEEU 25 M / FM 306-e – 02/2015

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\* = registered trademark

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