

Trimethylolpropane molten



Description

- Trimethylolpropane (TMP) molten
- Colourless liquid
- Polyhydric alcohol containing three primary hydroxyl groups

Applications

- Alkyd resins
- Saturated polyesters
- Synthetic lubricants
- Monomers/oligomers for radiation curing
- Pigment coating
- Polyurethanes for coatings and foams

Delivery forms

- Bulk at approx. 100 °C

Storage

- TMP is hygroscopic and should be handled to prevent moisture absorption.
- Store molten TMP at 90-110°C under inert gas.

Sales specification

Hydroxyl number, mg KOH/g ¹	1238-1260*
Melting point (final), °C ²	Min. 57
Ash content (as sodium), ppm ³	Max 10
Water content, % ⁴	Max 0.05**

*as OH-percentage, 37.5-38.2 %

**from US max 0.05%, from SE & CN max 0.10%

Typical properties

Acidity (as formic acid), ppm ⁵	5
Colour as fuse, APHA ⁶	15

Analytical Method

¹ PO 100-4, ² PO 102-2, ³ PO 103-10, ⁴ PO 109-2 (**as packaged), ⁵ PO 110-1, ⁶ PO 105-2

Analytical methods are available on request

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