

# 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 <sup>1</sup>	1238-1260*
Melting point (final), °C <sup>2</sup>	Min. 57
Ash content (as sodium), ppm <sup>3</sup>	Max 10
Water content, % <sup>4</sup>	Max 0.05**

\*as OH-percentage, 37.5-38.2 %

\*\*from US max 0.05%, from SE max 0.10%

## Typical properties

Acidity (as formic acid), ppm <sup>5</sup>	5
Colour as fuse, APHA <sup>6</sup>	15

### Analytical Method

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

Analytical methods are available on request

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