

Trimethylolpropane Monoallyl Ether



Description

- ⇒ Trimethylolpropane Monoallyl Ether (TMPME)
- ⇒ Clear colourless liquid
- ⇒ Unsaturated alcohol containing two hydroxyl groups and one double bond

Applications

- ⇒ Silicone chemistry
- ⇒ Polyurethane resins
- ⇒ Epoxy resins
- ⇒ Link between organic and inorganic chemistry

Delivery forms

- ⇒ Steel drums 200 kg, 800 kg/pallet

Storage

- ⇒ TMPME must be stored in sealed containers protected from heat and air.
- ⇒ TMPME is hygroscopic and should be handled to prevent moisture absorption.
- ⇒ If stored more than 6 months, check for peroxides to ensure quality.

Sales specification

Monoallyl ether content, % ¹	Min. 98.0
Diallyl ether content, % ¹	Max. 1.0
Triallyl ether content, % ¹	Max. 0.1
TMP content, % ¹	Max. 1.0
Peroxides (as active oxygen), ppm ²	Max. 6

Typical properties

Hydroxyl number, mg KOH/g ³	640
Colour, APHA ⁴	5
Water content, % ⁵	0.05
Viscosity (23 °C) mPas	130*

* information only

Analytical Method

¹ PO 114-3, ² PO 112-4, ³ PO 100-7, ⁴ PO 105-4, ⁵ PO 109-2
Analytical methods are available on request.

CAS no.: 682-11-1

EC (EINECS) no.: 211-662-7

HS no.: 2909 49

Valid from: July 1, 1999/e

Supersedes: January 1, 1998