

Trimethylolpropane flakes



Description

- Trimethylolpropane (TMP) flakes
- White crystalline material
- 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

- Bags 25 kg (55 lb.), 1000 kg (2205 lb.)/pallet
- Big bags 500 kg (1103 lb.)
- Big bags 1000 kg (only SE)

Storage

- TMP is hygroscopic and should be handled to prevent moisture absorption.
- Store TMP flakes in its original packaging at low temperatures, preferably below 30°C, to avoid cake formation. Do not exceed 50°C.
- Stacking pallets during storage could increase the risk of caking.

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 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

CAS no.: 77-99-6

EC (EINECS) no.: 201-074-9

HS no.: 2905 41

Valid from: January 1, 2002/g

Supersedes: : February 1, 2000