

# Pentaerythritol mono



## Description

- Pentaerythritol mono grade (Penta mono or pure penta)
- White crystalline material
- Polyhydric alcohol containing four primary hydroxyl groups

## Applications

- Alkyd resins
- Radiation curing monomers
- Polyurethanes
- Rosin esters
- Synthetic lubricants

## Delivery forms

Product made in Europe:

- Bags 25 kg, 1000 kg/pallet
- Groundable big bags 500 kg and 1000 kg
- Bulk

Product made in the USA:

- Bags 25 kg (55 lb.), 1000 kg (2205 lb.)/pallet
- Groundable big bags 500 kg (1102 lb.) and 907 kg (2000 lb.)

## Sales specification

Monopentaerythritol content, % <sup>1</sup>	Min. 98.0
Hydroxyl number, mg KOH/g <sup>2</sup>	1625-1650*
Ash content (as Na or Ca), ppm <sup>3</sup>	Max. 15

## Typical properties

Water content, % <sup>4</sup>	0.1
Phthalic colour, Gardner <sup>5</sup>	1
Melting point (final), °C <sup>6</sup>	263

\*as OH-percentage, 49.2-50.0 %

Analytical Method

<sup>1</sup> PO 115-2, <sup>2</sup> PO 100-2, <sup>3</sup> PO 103-10, <sup>4</sup> PO 109-2, <sup>5</sup> PO 104-1, <sup>6</sup> PO 102-2

Analytical methods are available on request

CAS no.: 115-77-5

EC (EINECS) no.: 204-104-9

HS no.: 2905 42

Valid from: January 1, 2002