

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
- Pigment treatment

Delivery forms

Product made in Europe:

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

Product made in the USA:

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

Sales specification

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

Typical properties

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

*as OH-percentage, 49.2-50.0 %

Analytical Method

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

Analytical methods are available on request

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