

Pentaerythritol nitration



Description

- Pentaerythritol nitration grade (Penta N) is Penta of high purity and controlled particle size.
- White crystalline material.
- Pentaerythritol is a polyhydric alcohol containing four primary hydroxyl groups.

Applications

- Penta N is designed for nitration.

Delivery forms

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

Sales specification

Monopentaerythritol content, % ¹	Min. 98.7
Hydroxyl number, mg KOH/g ²	1625-1650*
Ash content (as Na or Ca), ppm ³	Max. 15

Typical properties

Di-Pentaerythritol content, % ¹	0.3
Melting point (final), °C ⁴	263
Sieve analysis: ⁵	
Particle size < 1 mm, %	> 98
Particle size < 105 µm, %	< 2

*as OH-percentage, 49.2-50.0 %

Analytical Method

¹ PO 115-2, ² PO 100-2, ³ PO 103-10, ⁴ PO 102-2, ⁵ PO 125-1

Analytical methods are available on request

CAS no.: 115-77-5

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

HS no.: 2905 42

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