

# PENTAERYTHRITOL-NITRATION

## Description

- Pentaerythritol Nitration Grade is of high purity and controlled particle size
- White Crystalline material
- Polyhydric alcohol containing four primary hydroxyl groups

## Applications

- Designed for Nitration

## Packing forms

- Bags 25 Kg, 1000 Kg/pallet
- Antistatic Type C Jumbo bags 500 Kg
- Antistatic Type C Jumbo Bags 1000 Kg

## Sales specification

Monopentaerythritol content, % <sup>1</sup>	Min 98
Hydroxyl number, mg KOH/g <sup>2</sup>	1630-1650
Ash content (as Na <sub>2</sub> SO <sub>4</sub> ), % <sup>3</sup>	Max 0.05
Water content, % <sup>4</sup>	Max 0.1

## Typical properties

Di-pentaerythritol content, % <sup>1</sup>	Max 2.0*
Melting point (final), °C <sup>6</sup>	260
Sieve analysis: <sup>5</sup>	
Particle size < 1.0 mm, %	>98
Particle size < 0.150 mm, %	<5

\*Di-pentaerythritol content can be customized based on the requirement

## Analytical Method

<sup>1</sup> P 22a-(PC-b-15)-1, <sup>2</sup> P 22b-3a, <sup>3</sup> P 22b-4, <sup>4</sup> P 22b-1, <sup>5</sup> P 22b-14, <sup>5</sup> P 22b-14, <sup>6</sup> P 22a-2

Analytical methods are available on request

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