

# Pentaerythritol mono

## Product Description

Pentaerythritol mono grade (Penta mono) is a Polyhydric alcohol. It has a unique structure with four equally reactive primary hydroxyl groups in a symmetrical molecular structure. This makes Penta Mono a desirable base polyol and building block for a variety of applications.

Penta Mono is non-hygroscopic. It is a free flowing white crystalline powder.

## Segment Applications

Alkyd resins, Liquid polyesters, Radiation curing monomers, Polyurethane pre-cursors, Synthetic Lubricant esters, Rosin Esters

## Delivery Forms

25 kg bags as 750 and 1000 kg/pallet

Groundable big bags (Type-C) 500 kg and 1000 kg

Bulk

Product made in USA:

Bags 25 kg (55 lb.) 1000 kg (2205 lb.)/pallet

Groundable big bags 500 kg (1102 lb.) and 907 kg (2000 lb.)



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## Sales Specification

Characteristics	Unit	Specification	Analytical Method <sup>1</sup>	Comment
Monopentaerythritol content	%	Min. 98.0	PO 115-2	
Hydroxyl number	mg KOH/g	1625-1650	PO 100-2	2
Ash content (as Na or Ca)	ppm	Max. 15	PO 103-10	

1. Analytical methods are available on request

2. As OH-percentage, 49.2-50.0 %

## General Characteristics

Characteristics	Unit	Typical Value <sup>1</sup>
Water content	%	0.1
Phthalic color	Gardner	1
Melting point (final)	°C	263

1. Typical values are for information only and not part of sales specification

## Handling and Storage

Penta mono is a non-hygroscopic product. However, it should be stored under dry conditions, in sealed bags, and protected from direct sunlight.

CAS No.: 115-77-5

HS No.: 2905 42

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

REACH registration No.: 01-2119473985-20-XXXX

Effective date: October 26, 2020

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