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.)
Pentaerythritol mono

Sales Specification

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

1. Analytical methods are available on request
2. As OH-percentage, 49.2-50.0 %

General Characteristics

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Unit</th>
<th>Typical Value¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water content</td>
<td>%</td>
<td>0.1</td>
</tr>
<tr>
<td>Phthalic color</td>
<td>Gardner</td>
<td>1</td>
</tr>
<tr>
<td>Melting point (final)</td>
<td>°C</td>
<td>263</td>
</tr>
</tbody>
</table>

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

Handling and Storage

Penta mono is a non-hygrosopic 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.: 01-211947985-20-XXXX

Effective date: October 26, 2020

Users are advised to make their own independent determination of the suitability of the product for the intended use. Except for what is stated in Perstorp's general conditions of sale or separately in a written contract with Perstorp, no information provided in this data sheet constitutes a warranty (express or implied) by Perstorp, including, without limitation, any implied warranty of merchantability or fitness for a particular purpose.