

Charmor™ PM15

Win more time for people and structures

Product Description

Charmor™ PM15 is a carbon donor for intumescent coating systems. It has a controlled and narrow particle size distribution, allowing customization of the intumescent system performance.

Charmor™ PM15 with a particle size below 15 microns creates a foam with high expansion factor, resulting in increased thermal insulation in confined spaces. It is a polyhydric alcohol containing four primary hydroxyl groups, milled into small controlled particle size.

Segment Applications

For passive fire protecting systems / intumescent coating systems

Delivery Forms

Bags 10 kg, 250 kg/pallet



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Sales Specification

| Characteristics | Unit | Specification | Analytical Method ¹ | Comment |
|-----------------------------|----------|---------------|--------------------------------|---------|
| Monopentaerythritol content | % | Min. 98 | PO 115-2 | |
| Hydroxyl number | mg KOH/g | 1625 - 1650 | PO 100-2 | 2 |
| Particle size < 15 µm | % | Min. 98.0 | PO 125-4 | |

1. Analytical methods are available on request

2. As OH percentage, 49.2-50.0 %

General Characteristics

| Characteristics | Unit | Typical Value ¹ |
|-----------------------------|----------|----------------------------|
| Water content | % | 0.1 |
| Melting point | °C | 260 |
| Water solubility (25 °C) | % | 5.3 |
| Oil absorption number (OAN) | ml/100 g | 46 |

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

Handling and Storage

Charmor™ PM 15 is a non-hygroscopic product. However, it should be stored under dry conditions, in sealed bags, and protected for direct sunlight. Avoid handling that forms dust clouds.

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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