

PENTAERYTHRITOL 99%

(Technical Grade)

GENERAL

Chemical Name	Pentaerythritol 99% (Technical Grade)
Molecular Formula	C(CH ₂ OH) ₄
Molecular Weight	136.15
CAS Number	115-77-5
EINECS NO.	204-104-9
Appearance	White crystal powder

DESCRIPTION

Pentaerythritol 99% has wide applications. It is used in the manufacture of Alkyd resins, fatty acid resin and tall oil esters. Moreover it also used in paint and coating, printing ink, coating adhesives, explosives, sealants, varnish, lacquer, vinyl chloride, synthetic rubber and miscellaneous including pentaerythritol tetranitrate (PETN), urethane coatings, flame retardant paints, polyvinyl chloride stabilizers, olefins antioxidant and pentaerythritol triacrylate.

SPECIFICATIONS

<u>Properties</u>	<u>Typical Value</u>
Active Content, (as monopentaerythritol),%	99 min
Hydroxyl groups,%	49 min
Loss on heating,%	0.22 max
Ashes,%	0.06 max
Phthalic color	1 max (Gardner)
Melting Point,°C	± 250

Solubility: Soluble in water, slightly solute in alcohol, dissolve in benzene, ether and petroleum ether etc. Ester will be formed by reaction with common organic acid. No reaction takes place when it is heated with dilute caustic solution.

PACKING

25 kg net pp bag

TRANSPORTATION

Not regulated.

The above information is, to the best of our knowledge, true and accurate, but any recommendations or suggestions which may be made are without guarantee, since the conditions of use are beyond our control.

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