

Tri-Penta Erythritol

Version 2026-10-22b · Revision 2026-10-22

CAS No. 78-24-0

Applications

- HIGH PERFORMANCE LUBRICATING OIL FOR AEROSPACE INDUSTRY
- HIGH PERFORMANCE LUBRICATING OIL FOR AUTOMOTIVE INDUSTRY
- ENGINEERING PLASTICS
- FIREPROOF COATING AND SOLVENT FREE UV COATING
- POLYMER INDUSTRY
- PAINT INDUSTRY
- TEXTILE INDUSTRY
- COSMETIC INDUSTRY
- PLASTIC ADDITIVES AND POLYMER MODIFIED MATERIALS
- PVC STABILIZERS & PLASTICIZERS
- ALKYD RESINS, ROSIN ESTERS, HIGH-GRADE ACRYLIC RESINS

Physical Data

Density (g/cm ³)	1.384
Form of supply	White Powder
Moisture (%)	1.0
Hydroxyl value (mg KOH/g)	≥33.00-36.00
Content (%)	80.00
Molecular weight (g/mol)	372.4086
Content of mono-penta (wt, %)	5.00
Content of di-penta (wt, %)	12.00
Ash (wt, %)	1.00
EINECS No.	201-097.4
Analysis method	Gas phase chromatography
Molecular formula	C ₁₅ H ₃₂ O ₁₀

Packaging, Shipping & Storage

Tri-Penta Erythritol is supplied as white powder. The product is packed in 25 kg PP woven bag or 500 kg jumbo bag and shipped on pallets of 500 kg. Please keep the product stored under normal temperatures, dry and protected from weather. Shelf life: 1 year from manufacturing date.

All the information above is based on data obtained at laboratory and is not to be used for certifying the suitability of the product. Users are advised to test the product in their own system before purchase.