

Di-Penta Erythritol

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

CAS No.	126-58-9	Chemical Group	2,2-Bis(hydroxymethyl)propane-1,3-diol
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Applications

- AVIATION LUBRICATING OIL (PREMIUM DI-PENTA)
- DRYING OIL
- SYNTHETIC LUBRICANTS
- PVC STABILIZER
- UV MONOMER
- POLYURETHANE
- POLYESTER
- HIGH-GRADE ALKYD RESIN
- PHOTSENSITIVE RESIN FILM
- PLASTICIZER FOR PVC

Physical Data

Density (g/cm ³)	1.356
Form of supply	White Powder
Moisture (%)	1.0
Colour, Pt-Co scale (Pt-Co)	≤2
Hydroxyl value (mg KOH/g)	≥38.00-40.00
Content (%)	85.00
Molecular weight (g/mol)	254.2770
Content of mono-penta (wt, %)	3.00
Content of tri-penta (wt, %)	12.00
Ash (wt, %)	0.10
EINECS No.	204-794-1
Analysis method	Gas phase chromatography
Molecular formula	C10H22O7

Packaging, Shipping & Storage

Di-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. Store 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.