

Technical Data Sheet

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Item Name:

Di-Penta

PRODUCT INFORMATION

Chinese Name:	双季戊四醇
Commodity Name:	Di-Penta
Chemical Name:	Di-Pentaerythritol
Other Name:	Dipentaerythritoltech, D-PE, D-PE300
CAS No.:	126-58-9
Molecular Weight:	254.28
Molecular Formula:	$C_{10}H_{22}O_7$

PRODUCT DESCRIPTION

It's white crystalline powder. Slightly soluble in water. Insoluble in ethanol, acetone and benzene.

TECHNICAL SPECIFICATION

Index	High Grade 95%	First Grade 90%	Qualified Grade 86%
Di-PE by wt %	95 min	90 min	86 min
Mono-PE by wt %	2 max	3 max	4 max
Tri-PE by wt %	4 max	7 max	10 max
Ash by wt %	0.1 max	0.1 max	0.1 max
Moisture by wt %	1 max	1 max	1 max
Hydroxyl group by wt %	39.5 - 40.5	38 - 40	38 - 40
(Fe, Co,Cu) Phthalic color	1 max	2 max	2 max

MAIN APPLICATION

As the material for Alkyd resin, Acrylics resin, polyether, synthetic lubricants, PVC stabilizers and fire-retardant.

PACKING, LOADING AND SHELF LIFE

Packing: 25/ 500kg PP bag with PE liner

Loading: Palletized, 14mt/20'fcl

Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

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