

Technical Data Sheet

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Page 1, Total 1

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Item Name:

TMP

PRODUCT INFORMATION

Chinese Name:	三羟甲基丙烷
Commodity Name:	TMP
Chemical Name:	TriMethylolPropane
Other Name:	2-Ethyl-2-(hydroxymethyl)-1,3-propanediol, Tris(hydroxymethyl)propane, 1,1,1-Tris-(hydroxymethyl)propane, Propylidynetrimethanol
CAS No.:	77-99-6
Molecular Weight:	134.17
Molecular Formula:	C ₆ H ₁₄ O ₃

TECHNICAL SPECIFICATION

Index	Standard
Appearance	White crystalline powder or flake solid
TMP content by wt %	99 min
Hydroxyl value by wt %	37.5 min
Acidity by wt %	0.002 max
Ash by wt %	0.05 max
Moisture by wt %	0.05 max
Melting point (final) by °C	57 min

MAIN APPLICATION

Used as the raw material of synthetic resin, and also used for synthetic aviation lubricating oil, plasticizer, etc.

Used as the glycerine substitute, and also used for the synthesis of drying oil.

Widely used in the production of polyester and polyurethane foam, also used in the manufacture of alkyd coatings, synthetic lubricants, plasticizer, surfactant, rosin ester and explosives. Also used directly as textile auxiliary agent and PVC resin thermal stabilizer. And used in alkyd resin application, it can improve the resin's firmness, color, weather resistance, chemical resistance, and sealing properties.

Have the advantages of improving the firmness, corrosion resistance and sealing performance of resin, and have good stability to hydrolysis, pyrolysis and oxidation.

PACKING, LOADING AND SHELF LIFE

Packing: 25kg PP bag with PE liner

Loading: Palletized, 15mt/20'fcl

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

DISCLAIMER

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