

NEOPENTENYL Glycol



CAS Number: 126-30-7

Other Names: 2,2-Dimethylpropane-1,3-diol; Dimethylolpropane;
Neopentenediol

Formula: $C_5H_{12}O_2$

PRODUCT INTRODUCTION

Neopentyl glycol appears as white crystalline solid and it is soluble in water, benzene, chloroform, and very soluble in ethanol and diethyl ether. It is used in the synthesis of polyesters, paints, lubricants, and plasticizers.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Pass
Color (50% Aqueous) (Pt-Co)	2
Water (wt%)	0.094
Neopentyl Glycol (wt%)	99.529

APPLICATIONS

- Neopentylglycol (NPG), or 2, 2-dimethyl-1, 3-propanediol, is mainly used as a building block in polyester resins for coatings, unsaturated polyesters, lubricants and plasticizers.
- In powder coating formulations, Neopentylglycol offers the additional advantage of providing small differences between the glass transition temperature and melting point.
- Important areas of application include general metal, appliance, metal furniture, automotive and machinery coatings.

PACKING OPTIONS

Drums

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