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Technical Data Sheet

Neopentyl Glycol

Product Information

Chemical Name	Neopentyl Glycol
CAS #	126-30-7
EINECS	204-781-0
Formula	C ₅ H ₁₂ O ₂
Molecular Weight	104.15
Synonyms	2, 2-dimethyl-1, 3-propanediol, NPG
Chemical Structure	



Description

Neopentyl glycol is a white crystal solid substance without bad smell. It's hygroscopic and melted at 124~130 °C and boiled at 210 °C. It is easily soluble in water, low level alcohol, and low level ketone and arene compound.

Physical Properties

Melting point:	123-130 °C
Boiling point;	210 °C
Flashing point:	1290 °C

Specification

Appearance	White crystalline solid
Assay	$\geq 99.00\%$
Hydroxyl	$\geq 32.30\%$
Water	$\leq 0.50\%$
Melting point	123.00~130.00%
Chroma	≤ 15.00

Applications

Neopentyl glycol has a wide range of functions, among which the main role is to produce oil freeze, alkyd resin, unsaturated polyester resin, flexible soft foam of polyurethane, insulated materials, print inks, synthetic plasticizers, aviation lubricant agent and some surfactant agent.

Packaging

25kg per bag, 640 bags or 16 mt per 20ft container without pallets; It can be loaded 15 tons if with pallets.

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