

NPG(Neopentyl Glycol) Flake

Description

Neopentyl Glycol (2-dimethylpropane-1,3-diol) is a white powder product that provides high weather and chemical resistance.

| Properties | Unit | NPG(Neopentyl Glycol) Flake | Method |
|---------------------------|---------------|-----------------------------|-------------|
| Specification | | | |
| Purity | wt % | Min 99.2 | Gas chro |
| Appearance | | WHITE | ASTM D 6864 |
| Water | wt % | Max 0.3 | ASTM E 203 |
| Color / 50% in water | APHA | MAX 10 | ASTM D 1209 |
| Acidity (As acetic acid) | wt % | Max 0.05 | ASTM D 1613 |
| Aldehyde | wt % | Max 0.15 | ASTM D 4710 |
| Typical Properties | | | |
| Molecular Weight | g/mol | 104.15 | |
| Hydroxy Value | KOH mg/g | 1065 | |
| Hydroxyl Functionality | | 2 | |
| Ignition Point | °C (1013 hPa) | 399 | |
| Melting Point | °C | 124~130 | |
| Boiling Point | °C | 209 | |
| Flash Point | °C | 103 | |
| Solubility | g/L (20°C) | 830 | |
| Specific gravity / 20°C | | 1.07 | |
| Vapor Pressure | hPa (20°C) | 0.00024 | |

Summary

"Synonym :

2,2-Dimethyl-1,3-propanediol

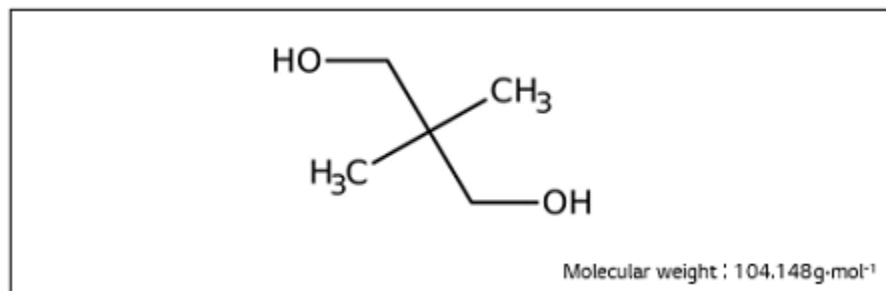
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CAS No : 126-30-7

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EC no : 204-781-0"

Chemical Formula



Note

LG Chem produces NPG (Neopentyl Glycol) with its unique self-developed manufacturing process. NPG is used as a raw material for polyester resin, urethane resin, and alkyd resin, and is applied to paints, coatings, SMC, and BMC as final products.

Precaution

- "- Check the MSDS contents before using the product.
- The product is highly hygroscopic, so keep it in packaging, well-ventilated, cool place at room temperature.
- As product loading may cause caking, please load in 2 layers."

Package

NPG Flake : 25kg in PE Bag or 500kg in Flecon Bag