

# NPG(Neopentyl Glycol) 90%

## Description

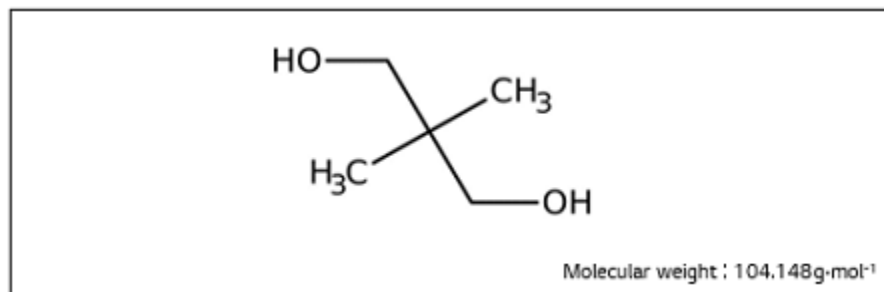
Neopentyl glycol (2-dimethylpropane-1,3-diol) gives the product high weatherability, chemical resistance. It contains 90% NPG and 10% water, and store it at a freezing point of 41°C or higher.

Properties	Unit	NPG(Neopentyl Glycol) 90%	Method
Specification			
Purity	wt %	Min 99.2	Gas chro
Appearance		CLEAR LIQUID	ASTM D 6864
Water	wt %	10±0.5	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	
Melting Point	°C	34~41	
Boiling Point	°C	100~121	
Specific gravity / 45°C		0.984	

## Summary

Synonym :  
2,2-Dimethyl-1,3-propanediol  
/  
CAS No : 126-30-7  
/  
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

- Please check the MSDS before using the product
- Store the product at a freezing temperature of 41°C or higher.
- If the product is hardened, melt it slowly at 70~90°C.

## Package

NPG 90% Solution : Around 20,000kg in ISO-Tank