

# Neopentyl Glycol flakes

## Product Description

Neopentyl Glycol (NEO) is a polyhydric alcohol containing two primary hydroxyl groups. It is a white crystalline material in flakes. NEO is well known for its advantages providing high UV, hydrolytic and chemical resistance. This in combination with excellent balance between hardness and flexibility as well as superior performance in terms of control and reactivity during esterification and curing makes it ideal in several different applications.

## Segment Applications

Polyester resins for powder coating, coil coating and can coating  
Unsaturated polyesters for gel-coats and reinforced plastics  
Alkyd resins, solvent and waterborne  
Polyurethanes for coating, foams and elastomers  
Lubricant esters

## Delivery Forms

25 kg bags as 500, 625 (China), 750 and 1000 kg/pallet.  
Big bags 500 kg



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## Sales Specification

Characteristics	Unit	Specification	Analytical Method <sup>1</sup>
Neopentyl glycol content	%	Min. 99.0	PO 126-1
Color (50% aq.)	APHA	Max. 15	PO 105-4
Water content	%	Max. 0.3	PO 109-2
Melting point (final)	°C	Min. 124	PO 102-2

1. Analytical methods are available on request

## General Characteristics

Characteristics	Unit	Typical Value <sup>1</sup>
Hydroxyl number	mg KOH/g	1075
Acid number	mg KOH/g	0.1
Ash content (Na+K)	ppm	5

1. Typical values are for information only and not part of sales specification

## Handling and Storage

Neo is hygroscopic and should be handled to prevent moisture absorption. For this reason, it is important to store Neo flakes in the original package.

Store Neo flakes at low temperature, preferably below 30 °C, to avoid cake formation.

Stacking pallets during storage could increase the risk of caking.

CAS No.: 126-30-7

HS No.: 2905 39

EC (EINECS) no.: 204-781-0

REACH registration No.: 01-2119480396-30-0004

Effective date: June 2, 2021

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