

Neopentyl Glycol 90

Product Description

Neopentyl Glycol 90 % aqueous solution (NEO90) is a polyhydric alcohol containing two primary hydroxyl groups. In molten form it is a colorless liquid that solidifies at 35-40 °C.

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

Bulk at 50-95 °C



Neopentyl Glycol 90

Sales Specification

Characteristics	Unit	Specification	Analytical Method ¹	Comment
Neopentyl glycol content	%	Min. 99.0	PO 126-1	2
Color (50% aq.)	APHA	Max. 15	PO 105-4	
Water content	%	9.5-10.5	PO 109-11	

1. Analytical methods are available on request

2. Water free product

General Characteristics

Characteristics	Unit	Typical Value ¹	Comment
Hydroxyl number	mg KOH/g	1075	2
Acid number	mg KOH/g	0.1	2
Ash content (Na+K)	ppm	5	2

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

2. Water free product

Handling and Storage

Store NEO 90 at 55-60 °C

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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