

Neopentyl Glycol molten

Product Description

Neopentyl Glycol (NEO) is a polyhydric alcohol containing two primary hydroxyl groups. NEO molten is a liquid melt. 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 approx. 150 °C



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Sales Specification

Characteristics	Unit	Specification	Analytical Method ¹
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 ¹
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. Store molten NEO at 150 °C under inert gas.

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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