

Neopentyl Glycol molten



Description

- Neopentyl Glycol (Neo)
- Colourless liquid
- Polyhydric alcohol containing two primary hydroxyl groups

Applications

- Polyesters for powder coating, coil coating and other stoving enamels
- 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

Storage

- Neo is hygroscopic and should be handled to prevent moisture absorption
- Store molten Neo at 150°C under inert gas

Sales specification

Neopentyl glycol content, % ¹	Min 99.0
Colour (50% aq.), APHA ²	Max 15
Water content, % ³	Max 0.3
Melting point (final), °C ⁴	Min 124

Typical properties

Hydroxyl number, mg KOH/g ⁵	1075
Acid number, mg KOH/g ⁶	0.1
Ash content (Na+K), ppm ⁷	5

Analytical Method

¹ PO 126-1, ² PO 105-4, ³ PO109-2, ⁴ PO 102-2, ⁵ PO 100-6, ⁶ PO 110-1, ⁷ PO 103-16

Analytical methods are available on request

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