

# Neeture™ N20 molten

## Product Description

Neeture™ is a Pro-Environment Polyol ready to be dropped into existing formulations. Based on mass balance concept, Neeture™ is a partly renewable Neopentyl Glycol (Neo) product designed to reduce the carbon footprint and supports sustainable sourcing of renewable raw material. Neeture™ is third party certified according to the ISCC system which means we have both traceability back to the country of origin ensuring the biomass was sourced in a sustainable way as well as a certified mass balance and greenhouse gas (GHG) calculation. Perstorp offers two grades of Neeture™, N20 and N40, based on 20% and 40% renewable resources. Both grades are supplied as flakes, molten and aqueous solution with 90% Neo.

Neeture™ N20 molten has two primary hydroxyl groups. It is supplied in liquid form at high temperature.

## Segment Applications

Alkyd resins, Liquid polyesters, Powder polyesters, Radiation curing, Aviation turbine oils, Transformer oils and Refrigeration lubricants.

## Delivery Forms

Bulk at approx. 150 °C.



## Leading the world in pro-environment polyols

Having our roots deep in Scandinavia means we are emotionally close to nature, naturally. Keeping nature healthy is part of our inner soul and brings out the desire to nurture our forests, lakes and the air we breathe. Our new Neeture™ (part-renewable Neo) is part of our pro-environmental drive to *nurture nature*.

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## Sales Specification

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

Analytical methods are available on request.

## General Characteristics

| Characteristics      | Unit     | Typical value | Comment |
|----------------------|----------|---------------|---------|
| Hydroxyl number      | mg KOH/g | 1075          |         |
| Acid number          | mg KOH/g | 0.1           |         |
| Ash content (Na + K) | ppm      | 5             |         |

### Pro-Environment Information

Renewable content is 20% based on mass balance concept.  
 Calculated GHG values:  
 Cradle to Gate: 0.8 kg CO<sub>2</sub> eq/kg Neeture™  
 Cradle to Grave: 2.5 kg CO<sub>2</sub> eq/kg Neeture™  
 Cradle to Grave is calculated as Cradle to Perstorp gate + end of life assuming all carbon is converted to CO<sub>2</sub>.  
 ISCC PLUS certified product.

### Handling and Storage

Neeture™ is hygroscopic and should be handled to prevent moisture absorption.  
 Store Neeture™ molten at 150 °C under inert gas.

CAS No.: 126-30-7  
 HS No.: 2905 39  
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