

Product code: 472533

DOMALKYD 0265 70 BG/2B/PnB

Water reducible Alkyd Resin

**Specification:**

| Property | Range | Method / According to standard |
|---------------------------|---------------------|--------------------------------|
| Non-volatile matter | 68 - 72% | MH1155 / ISO 3251 |
| Acid value on solid resin | 28 - 36 mg KOH/g | MH1051 / ISO 2114 |
| Viscosity, 23 °C | 10000 - 20000 mPa·s | MH1007 / ISO 3219 |
| Colour | max. 8 Gardner | MH1124 / ISO 4630 |

Typical properties:

| Property | Value |
|--|---|
| Solvent ratio | Butylglycol / 2-Butanol / PnB = 1 / 1 / 1 |
| Oil content | 28% |
| Bio-based content on solid | 62% |
| Total renewable content on delivery form | 43% |

Remarks:

- » The bio-based content is 28% of the dry matter by the Carbon-14 method and an additional 34% via a biomass balance (BMB) approach as certified by the ISCC PLUS. The certificate can be issued upon request.
- » Water reducible after neutralization.
- » Neutralization with ammonia or amine to pH 8.2 - 8.5 prior to dilution with water.
- » To improve paint stability the water/cosolvent ratio should be 80:20 to 85:15.
- » The recommend driers should be dispersed in the mill base:
0.05 - 0.15% Co + 0.05 - 0.05% Mn for coloured systems or
0.05 - 0.15% Co + 0.1 - 0.6% Zr for white systems

Applications:

Domalkyd 0265 70 BG/2B/PnB is used for primers and top coats for industrial application (air and forced drying and stowing systems) with fast drying, excellent corrosion resistance and high gloss.

Storage:

The resin should be stored indoors in its original, unopened and undamaged container in a dry place at storage temperatures below 35 °C, for up to 12 months. Exposure to direct sunlight should be avoided.

Disclaimer

This data is based on experience, for its completeness, we assume no liability. As we take no influence on the processing, it lies within the obligation of the customer to test, whether it is suitable for the intended purpose, before using the product. Any change in the processing procedure, the environmental conditions or the failure to comply with instructions may unfavorably influence the result. This Technical Datasheet is available on our website at www.helios.si. Should there be any discrepancies between this document and the version that appears on the website, then the version on the Website will take precedence.

TECHNICAL DATASHEET

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Issue Date: March 2025

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