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 ºC	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	28%
Maximum ISSC PLUS-certified content allocated using the mass balance approach, on a dry solids basis	34%

Remarks:

- The resin contains 28% bio-based content derived from renewable plant-based feedstocks.
- The share of ISCC PLUS certified material is determined individually for each delivery based on the applicable mass balance allocation and is specified in the corresponding Sustainability Declaration. The validity of the ISCC PLUS certificate can be verified via the official website (https://iscc-system.org/).
- 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.