Product code: 477546

DOMALKYD 0261 70 PnB/2B

Water Reducible Alkyd Resin

Specification:

Property	Range	Method / According to standard
Non-volatile matter	69 - 71%	MH1155 / ISO 3251
Acid value on solid resin	35 - 45 mg KOH/g	MH1051 / ISO 2114
Viscosity, 25 ºC	5000 - 15000 mPa·s	MH1007 / ISO 3219
Colour	max. 8 Gardner	MH1124 / ISO 4630

Typical properties:

Property	Value
Solvent ratio	Propyleneglycol n-Butyl eter / 2-Butanol = 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	33%

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 amines to pH 8 - 8.5 prior to dilution with water.
- To improve paint stability 10 - 20% (calculated on solid resin) cosolvent must be added.
- For baking systems Domalkyd 0261 70 PnB/2B must be blended with water reducible melamine resin (approx. 20% solid on solid). Baking conditions depends on reactivity of melamine resin.

Compatibility:

Compatible with water reducible resins, water reducible melamine resins and with some acrylic dispersion; combinations will improve drying properties, adhesion on different materials and layer structure.

Applications:

Domalkyd 0261 70 PnB/2B is used for primers and top coats for industrial application (air and forced drying and stowing systems) with excellent corrosion resistance.

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Storage:

The resin should be stored indoors in its original, unopened and undamaged container in a dry place at storage temperatures between 5 °C and 35 °C, for up to 6 months. Protect from freezing and avoid exposure to direct sunlight.

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.

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