

Product code: 417963

DOMALKYD 4348 70 BA_c

Alkyd Resin Modified with Vegetable Fatty Acids

Specification:

Property	Range	Method / According to standard
Non-volatile matter	69 - 71%	MH1155 / ISO 3251
Acid value on solid resin	max. 20 mg KOH/g	MH1051 / ISO 2114
Hydroxyl value on solid resin	70 - 90 mg KOH/g	MH1052 / ISO 4629
Viscosity, 23 °C	8000 - 10000 mPa·s	MH1007 / ISO 3219
Colour	max. 6 Gardner	MH1124 / ISO 4630

Typical properties:

Property	Value
Oil content	34%

Solubility:

Soluble in aromatic hydrocarbons, esters, ketones and higher alcohols.

Compatibility:

- » Compatible with short oil alkyd resins, nitrocellulose, colophonium modified maleic resins, urea and melamine resins, castor oil and polyisocyanate resins.
- » Incompatible with long- and medium-oil air drying alkyds and drying oils.

Applications:

- » Used in lacquers and enamels for wood in combination with nitrocellulose.
- » Combinations with polyisocyanate resins give 2K PUR lacquers with high hardness, good levelling and fast drying properties.
- » When higher elasticity is desired, combination with Domalkyd 4402 is recommended.

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

Copyright © Helios Resins & Atcoat | www.resinshelios.com | www.atcoat.com

Issue Date: March 2025

Page: 1/1