

Product code: 417963

## DOMALKYD 4348 70 BA<sub>c</sub>

### 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.

**Note:** The information contained herein is provided in good faith and is to the best of our knowledge accurate, but we assume no liability for its accuracy or completeness. Therefore, the buyer is advised to determine the suitability of this product for the intended use. We retain the right to make any changes according to technological progress or further developments. For safety information please refer to the current Material Safety Data Sheet.

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