

Product code: 418319

DOMALKYD 5261 70 BA_c

Alkyd Resin

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	150 - 175 mg KOH/g	MH1052 / ISO 4629
Viscosity, 23 °C	4000 - 6000 mPa·s	MH1007 / ISO 3219
Colour	max. 3 Gardner	MH1124 / ISO 4630

Typical properties:

Property	Value
Density	1.0 kg/L
Flash point	27 °C
Hydroxyl content on solid	4.9%
Water content	max. 0.2 wt.%

Solubility:

Soluble in Solvesso 100, xylene, acetone, ethyl acetate, n-Butyl acetate, methoxy propyl acetate and methyl isobutyl ketone.

Compatibility:

- » Compatible with isocyanate resins (HDI-biuret, HDI-isocyanurate, Desmodur L 75), Vinyl VAGH, ester soluble Nitrocellulose, Domacryl hydroxy resins and Domopol 6067.
- » Limited compatibility with CAB 551-02.

Applications:

- » Domalkyd 5261 70 BA_c is medium reactive alkyd resin intended for crosslinking with isocyanate resins.
- » Used for forced drying two-pack systems for metal with excellent mechanical properties and superior outdoor durability.
- » Used for preparation of pigment pastes.
- » Crosslinking with aliphatic isocyanates is recommended for non-yellowing coatings.
- » The best results are achieved in the region of the theoretical mixing ratio with isocyanate. Over and under - crosslinking is possible within certain limits.
- » To accelerate the reaction, organic catalysts can be used: diethyl ethanolamine, dibutyl tin dilaurate or zinc octoate.

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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