

Product code: 478405

DOMALKYD 5421 75 BAc

Alkyd Resin Modified with Coconut Fatty Acids

Specification:

Property	Range	Method / According to standard
Non-volatile matter	74 - 76%	MH1155 / ISO 3251
Acid value on solid resin	max. 10 mg KOH/g	MH1051 / ISO 2114
Hydroxyl value on solid resin	150 - 200 mg KOH/g	MH1052 / ISO 4629
Viscosity, 23 °C	2000 - 3500 mPa·s	MH1007 / ISO 3219
Colour	max. 5 Gardner	MH1124 / ISO 4630

Typical properties:

Property	Value
Oil content	42%

Solubility:

- » Soluble in aromatic and aliphatic hydrocarbons, esters, ketones and higher alcohols.
- » Insoluble in lower alcohols.

Compatibility:

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

Applications:

- » Domalkyd 5421 75 BAc is used in lacquers and enamels for wood in combination with nitrocellulose and urea resins.
- » In combination with isocyanate, it gives high quality furniture lacquers.
- » Used for stoving enamels for metal when combined with melamine resins.
- » It provides higher solid content in coatings.

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 24 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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