

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.

**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.

Edition: June 2023

Helios TBLUS, d.o.o. | Količevo 65, 1230 Domžale, Slovenia | T +386 1 722 40 00  
info@resinshelios.com | [www.resinshelios.com](http://www.resinshelios.com)  
Part of KANSAI PAINT.