

Product code: 477015

## DOMALKYD 4161 70 BA<sub>c</sub>

### Alkyd Resin Modified with Saturated Fatty Acids

#### Specification:

Property	Range	Method / According to standard
Non-volatile matter	69 - 71%	MH1155 / ISO 3251
Acid value on solid resin	max. 4 mg KOH/g	MH1051 / ISO 2114
Hydroxyl value on solid resin	260 - 300 mg KOH/g	MH1052 / ISO 4629
Viscosity, 23 °C	1000 - 1500 mPa·s	MH1007 / ISO 3219
Colour	max. 4 Gardner	MH1124 / ISO 4630

#### Typical properties:

Property	Value
Oil content	16%

#### Solubility:

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

#### Compatibility:

- » Compatible with short and medium oil non-drying alkyd resins and saturated polyester resins, nitrocellulose and polyisocyanate resins.
- » Limited compatibility with long and medium air-drying alkyd resins and drying oils.

#### Applications:

- » Used alone or in combination with saturated polyester resins or short oil non-drying alkyd resins in 2K lacquers and enamels for wood and metal.
- » It gives 2K PUR parquet lacquers with a high gloss, hardness and elasticity.

#### 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](http://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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