

Product code: 418319

## DOMALKYD 5261 70 BA<sub>c</sub>

### 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<sub>c</sub> 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.

**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.