

Product code: 477015

DOMALKYD 4161 70 BA_c

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.

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.

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