Product code: 477015

DOMALKYD 4161 70 BAc

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 ºC	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.