

Product code: 478411

DOMALKYD 1666 75 D-60

Alkyd Resin Modified with Soybean 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
Viscosity, 23 °C	4000 - 6000 mPa·s	MH1007 / ISO 3219
Colour	max. 5 Gardner	MH1124 / ISO 4630

Typical properties:

Property	Value
Flash point	min. 60 °C
Oil content	68%

Solubility:

- » Soluble in aliphatic, aromatic and terpene hydrocarbons, esters, glycol ethers and higher ketones.
- » Insoluble in lower alcohols.

Compatibility:

Compatible with natural and polymerized oils, medium and long oil alkyds and colophonium modified maleic resins.

Applications:

- » Domalkyd 1666 75 D-60 is a low viscosity alkyd resin for high-quality air-drying gloss paints.
- » Due to the low viscosity and good pigment wetting properties, paints have good flow, excellent brushability and fullness.
- » It is used as a general purpose binder in enamels for wood and metal, for indoor and outdoor applications.
- » Addition of Domalkyd 1666 75 D-60 to other medium or long oil resins will improve brushability, levelling and gloss.

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. 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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