

Product code: 418971

DOMALKYD 1482 55 D-40/MP

Alkyd Resin Modified with Soybean Fatty Acids

Specification:

Property	Range	Method / According to standard
Non-volatile matter	54 - 56%	MH1155 / ISO 3251
Acid value on solid resin	max. 12 mg KOH/g	MH1051 / ISO 2114
Viscosity, 23 °C	8000 - 12000 mPa·s	MH1007 / ISO 3219
Colour	max. 6 Gardner	MH1124 / ISO 4630

Typical properties:

Property	Value
Solvent ratio	Dearomatized White spirit D-40 / Methoxypropanol = 86 / 14
Oil content	48%

Solubility:

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

Compatibility:

- » Compatible with most long and medium oil air drying alkyd resins and cyclized rubber.
- » Incompatible with most stoving and non-oxidizing alkyds, vinyl copolymers and polymerized oils.

Applications:

- » Domalkyd 1482 55 D-40/MP is mostly used in automotive repair finishes and paints for metal work.
- » Due to special fatty acids content very good drying properties are attained and low yellowing by air drying.
- » By forced drying (at 80 °C) a combination with melamine resins provides higher gloss and film hardness.

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 24 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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