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 ºC	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 ºC) 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.