

Product code: 409844

## DOMALKYD 1482 55 W/X

### 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	5000 - 7000 mPa·s	MH1007 / ISO 3219
Colour	max. 6 Gardner	MH1124 / ISO 4630

#### Typical properties:

Property	Value
Solvent ratio	White spirit / Xylene = 70 / 30
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 W/X 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.

#### 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](http://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

Copyright © Helios Resins & Atcoat | [www.resinshelios.com](http://www.resinshelios.com) | [www.atcoat.com](http://www.atcoat.com)

Issue Date: March 2025

Page: 1/1