

Product code: 479380

DOMALKYD 7703 85 D-40

Polyurethane Resin Modified with Mixed Fatty Acids

Specification:

Property	Range	Method / According to standard
Non-volatile matter	84 - 86%	MH1155 / ISO 3251
Acid value on solid resin	max. 5 mg KOH/g	MH1051 / ISO 2114
Viscosity, 23 °C	4000 - 6000 mPa·s	MH1007 / ISO 3219
Colour	max. 6 Gardner	MH1124 / ISO 4630

Typical properties:

Property	Value
Oil content	70%
Type of Isocyanate	Aliphatic

Solubility:

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

Compatibility:

- » Compatible with medium and long oil alkyd resins, polymerized oils and hard resins.
- » Well compatible with basic pigments.

Applications:

- » Domalkyd 7703 85 D-40 is non yellowing, high solids alkyd resin.
- » It is used for the preparation of universal pigmented paints and clear finishes for wood.
- » Dries quickly and has a good chemical and water resistance.

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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