Product code: 481194

DOMALKYD 0246 70 BG Wa

Water Reducible Epoxy Modified Alkyd Resin

Specification:

Property	Range	Method / According to standard
Non-volatile matter	68 - 72%	MH1155 / ISO 3251
Acid value on solid resin	35 - 65 mg KOH/g	MH1051 / ISO 2114
Viscosity, 23 ºC	8000 - 22000 mPa·s	MH1007 / ISO 3219

Typical properties:

Property	Value
Solvent ratio	Butylglycol / Methoxypropanol = 70 / 30
Density	1.1 kg/L
Oil content	23%
Bio-based content on solid	23%
Maximum ISSC PLUS-certified content allocated using the mass balance approach, on a dry solids basis	19%

Remarks:

- The resin contains 23% bio-based content derived from renewable plant-based feedstocks.
- The share of ISCC PLUS certified material is determined individually for each delivery based on the applicable mass balance allocation and is specified in the corresponding Sustainability Declaration. The validity of the ISCC PLUS certificate can be verified via the official website (https://iscc-system.org/).
- Water reducible after neutralization with amine.
- Partially neutralized with dimethylethanolamine.

Compatibility:
Compatible with most water reducible resins and water reducible melamine resins.

Applications:

- Used for non air-drying corrosion protection primers and top coats.
- Crosslinked with melamine resins it is used for durable stoving systems
- Coating systems based on Domalkyd 0246 70 BG have excellent pigment wetting, very good corrosion properties, high reactivity, high hardness and high flexibility in stoving systems.

Storage:

The resin should be stored indoors in its original, unopened and undamaged container in a dry place at storage temperatures between 5 °C and 35 °C, for up to 6 months. Protect from freezing and avoid exposure to direct sunlight.

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.