Product code: 481194

DOMALKYD 0246 70 BG

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	42%
Total renewable content on delivery form	29%

Remarks:

- The bio-based content is 23% of the dry matter by the Carbon-14 method and an additional 19% via a biomass balance (BMB) approach as certified by the ISCC PLUS. The certificate can be issued upon request.
- 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.