Product code: 477546

DOMALKYD 0261 70 PnB/2B

Water Reducible Alkyd Resin

Specification:

Property	Range	Method / According to standard
Non-volatile matter	69 - 71%	MH1155 / ISO 3251
Acid value on solid resin	35 - 45 mg KOH/g	MH1051 / ISO 2114
Viscosity, 25 ºC	5000 - 15000 mPa·s	MH1007 / ISO 3219
Colour	max. 8 Gardner	MH1124 / ISO 4630

Typical properties:

Property	Value
Solvent ratio	Propyleneglycol n-Butyl eter / 2-Butanol = 1 / 1
Oil content	28%
Bio-based content on solid	61%
Total renewable content on delivery form	43%

Remarks:

- The bio-based content is 28% of the dry matter by the Carbon-14 method and an additional 33% via a biomass balance (BMB) approach as certified by the ISCC PLUS. The certificate can be issued upon request.
- Water reducible after neutralization.
- Neutralization with ammonia or amines to pH 8 - 8.5 prior to dilution with water.
- To improve paint stability 10 - 20% (calculated on solid resin) cosolvent must be added.
- For baking systems Domalkyd 0261 70 PnB/2B must be blended with water reducible melamine resin (approx. 20% solid on solid). Baking conditions depends on reactivity of melamine resin.

Compatibility:

Compatible with water reducible resins, water reducible melamine resins and with some acrylic dispersion; combinations will improve drying properties, adhesion on different materials and layer structure.

Applications:

Domalkyd 0261 70 PnB/2B is used for primers and top coats for industrial application (air and forced drying and stowing systems) with excellent corrosion resistance.

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.