Product code: 402674

DOMOPOL 5301 60 BG

Saturated Polyester Resin

Specification:

Property	Range	Method / According to standard
Non-volatile matter	59 - 61%	MH1155 / ISO 3251
Acid value	24 - 28 mg KOH/g	MH1051 / ISO 2114
Viscosity, 23 ºC at 100 s^{-1}	1300 - 2700 mPa·s	MH1007 / ISO 3219
Colour	max. 4 Gardner	MH1124 / ISO 4630

Typical properties:

Property	Value
Solvent	Butylglycol
Hydroxyl content on solid resin	2.8%
Density	1.0 kg/L
Bio-based content on solid	45%
Total renewable content on delivery form	27%

Remarks:

- Water-thinnable after neutralization.
- The bio-based content is 45% of the dry matter via a biomass balance (BMB) approach as certified by the ISCC PLUS. The certificate can be issued upon request.

Compatibility:

Compatible with various acrylic emulsions and polyurethane dispersions.

Applications:

- Designed for waterborne basecoats for car refinish and OEM automotive application.
- Grinding resin with very good pigment wetting and stabilisation of aluminium pigments.
- Improves film formation and flow.
- Suitable for general industrial applications.
- Recommended for plastic coatings.
- Flexible, durable and provides good adhesion to substrate.

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.