

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 °C at 100 s <sup>-1</sup>	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.

**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](http://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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