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
Maximum ISSC PLUS-certified content allocated using the mass balance approach, on a dry solids basis	45%

Remarks:

- Water-thinnable after neutralization.
- 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/).

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. 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.