

Product code: Provisional

DOMOPOL 5106 60 SAB/BG ND
Saturated Polyester Resin**Specification:**

Property	Range	Method / According to standard
Non-volatile matter	59 - 61%	MH1155 / ISO 3251
Acid value on solid resin	3 - 6 mg KOH/g	MH1051 / ISO 2114
Hydroxyl value on solid resin	28 - 35 mg KOH/g	MH1052 / ISO 4629
Viscosity, 23 °C	4000 - 5000 mPa·s	MH1007 / ISO 3219
Colour	max. 3 Gardner	MH1124 / ISO 4630

Typical properties:

Property	Value
Solvent ratio	Aromatic solvent 150 ND / Butylglycol = 1 / 1
Density	1.1 kg/L
Molecular weight	4500
Flash point	63 °C
Hydroxyl content on solid	1%
Tg	26 °C
Bio-based content on solid	11%
Total renewable content on delivery form	7%

Remarks:

The bio-based content is 11% of the dry matter via a biomass balance (BMB) approach as certified by the ISCC PLUS. The certificate can be issued upon request.

Solubility:

Soluble in aromatic hydrocarbons, esters and glycol ethers.

Compatibility:

Compatible with amino resins and blocked polyisocyanate resins.

Applications:

Domopol 5106 60 SAB/BG ND is intended for coil coatings: domestic appliances and outdoor durable systems with high flexibility and stain resistance.

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. Domopol 5106 may, due to low temperatures or long storage, become turbid. Heating to around 60 °C or adding solvent will re-homogenise the product.

Note: The information contained herein is provided in good faith and is to the best of our knowledge accurate, but we assume no liability for its accuracy or completeness. Therefore, the buyer is advised to determine the suitability of this product for the intended use. We retain the right to make any changes according to technological progress or further developments. For safety information please refer to the current Material Safety Data Sheet.

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Helios TBLUS, d.o.o. | Količevo 65, 1230 Domžale, Slovenia | T +386 1 722 40 00
info@resinshelios.com | www.resinshelios.com
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