

Product code: 470276

DOMOPOL 5111 65 SAB/BG ND

Saturated Polyester Resin

**Specification:**

Property	Range	Method / According to standard
Non-volatile matter	64 - 66%	MH1155 / ISO 3251
Acid value on solid resin	7 - 12 mg KOH/g	MH1051 / ISO 2114
Hydroxyl value on solid resin	95 - 105 mg KOH/g	MH1052 / ISO 4629
Viscosity, 23 °C	1500 - 2500 mPa·s	MH1007 / ISO 3219
Colour	max. 3 Gardner	MH1124 / ISO 4630

Typical properties:

Property	Value
Solvent ratio	Aromatic solvent 150 ND / Butylglycol = 4 / 1
Density	1.1 kg/L
Molecular weight	2000
Flash point	62 °C
Hydroxyl content on solid	3%
Tg	10 °C
Bio-based content on solid	50%
Total renewable content on delivery form	33%

Remarks:

The bio-based content is 50% 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:

- » This resin is recommended for coil coatings: top coatings and especially for back coatings.
- » Back coatings can be formulated to obtain PUR foam adhesion.

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.

TECHNICAL DATASHEET

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