

Product code: 478372

DOMOPOL 5158 50 SAB/DBE ND

Saturated Polyester Resin

**Specification:**

Property	Range	Method / According to standard
Non-volatile matter	49 - 51%	MH1155 / ISO 3251
Acid value on solid resin	0 - 8 mg KOH/g	MH1051 / ISO 2114
Viscosity, 23 °C	1500 - 3000 mPa·s	MH1007 / ISO 3219
Colour	max. 3 Gardner	MH1124 / ISO 4630

Typical properties:

Property	Value
Solvent ratio	Aromatic solvent 150 ND / Dibasic ester = 2 / 1
Molecular weight	5000
Flash point	63 °C
Hydroxyl content on solid	0.75%
Tg	62°C
Bio-based content on solid	24%
Total renewable content on delivery form	12%

Remarks:

- » The bio-based content is 24% of the dry matter via a biomass balance (BMB) approach as certified by the ISCC PLUS. The certificate can be issued upon request.
- » As a solid resin, Domopol 5158 50 SAB/DBE ND complies with FDA Regulations 21 CFR § 175.300 for products coming into contact with foods (limited to non-alcoholic food types).

Solubility:

- » Soluble in esters and glycol ethers.
- » Limited solubility in aromatic hydrocarbons.

Compatibility:

Compatible with amino resins and blocked polyisocyanate resins.

Applications:

- » Domopol 5158 50 SAB/DBE ND is intended for can coatings – monobloc aerosol cans.
- » Principal properties are adhesion on aluminium and hardness.

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.

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.

Edition: January 2024

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