

Product code: 479392

DOMOPOL 5178 70 SA/BG

Saturated Polyester Resin

**Specification:**

Property	Range	Method / According to standard
Non-volatile matter	69 - 71%	MH1155 / ISO 3251
Acid value on solid resin	max. 5 mg KOH/g	MH1051 / ISO 2114
Hydroxyl value on solid resin	~50 mg KOH/g	MH1052 / ISO 4629
Viscosity, 23 °C	2000 - 4000 mPa·s	MH1007 / ISO 3219
Colour	max. 3 Gardner	MH1124 / ISO 4630

Typical properties:

Property	Value
Solvent ratio	Aromatic solvent 100 / Butylglycol = 4 / 1
Molecular weight	2000
Flash point	50 °C
Tg	10 °C
Bio-based content on solid	29%
Total renewable content on delivery form	20%

Remarks:

The bio-based content is 29% of the dry matter via a biomass balance (BMB) approach as certified by the ISCC PLUS. The certificate can be issued upon request.

Applications:

- » Domopol 5178 70 SA/BG is recommended for coil coating applications such as interior and exterior architecture, and also for traffic uses and primers for aluminium.
- » Onecoat systems show good adhesion to metal and good weathering resistance.
- » Stoving enamels based on this resin have high paint solids and are very reactive.
- » This product may also be suitable for can coating applications such as metal decorating enamels.

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.