

Product code: 478421

DOMOPOL 5169 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 - 3 mg KOH/g	MH1051 / ISO 2114
Viscosity, 23 °C	3000 - 5000 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 / 3
Molecular weight	5000
Flash point	63 °C
Hydroxyl content on solid	1.1%
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.

Solubility:

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

Compatibility:

Compatible with amino resins and blocked polyisocyanate resins.

Applications:

- » Domopol 5169 50 SAB/DBE ND is especially recommended for primers for hot dip galvanized steel and primers for aluminium.
- » It can be used in coil coating onecoat systems.
- » It may also be suitable for appliance finishing and for 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.

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