

Product code: 479349

DOMOPOL 5187 60% ND

Saturated Polyester Resin

**Specification:**

Property	Range	Method / According to standard
Non-volatile matter	59 - 61%	MH1155 / ISO 3251
Acid value on solid resin	0 - 5 mg KOH/g	MH1051 / ISO 2114
Viscosity, 23 °C	4500 - 6500 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
Molecular weight	4500
Flash point	62 °C
Hydroxyl content on solid	1.5%
Tg	23 °C
Bio-based content on solid	6%
Total renewable content on delivery form	4%

Remarks:

The bio-based content is 6% 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 5187 60% ND is intended for can coatings: sheet coatings, epoxy replacement.
- » Principal properties are flexibility and sterilization resistance.
- » Domopol 5187 60% ND is based on FDA approved raw material (FDA § 175.300).

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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