

Product code: 479369

## DOMOPOL 9010 40 SAB/DBE ND

### High Molecular Weight Polyester Resin

**Specification:**

Property	Range	Method / According to standard
Non-volatile matter	39 - 41%	MH1155 / ISO 3251
Acid value on solid resin	0 - 4 mg KOH/g	MH1051 / ISO 2114
Hydroxyl value on solid resin	5 - 10 mg KOH/g	MH1052 / ISO 4629
Viscosity, 23 °C	3500 - 4500 mPa·s	MH1007 / ISO 3219
Colour	max. 4 Gardner	MH1124 / ISO 4630

**Typical properties:**

Property	Value
Appearance	Clear to slightly hazy
Solvent ratio	Aromatic solvent 150 ND / DBE = 1 / 1
Density	1.0 kg/L
Molecular weight	15000
Flash point	73 °C
Tg	67 °C
Bio-based content on solid	27%
Total renewable content on delivery form	11%

**Remarks:**

The bio-based content is 27% of the dry matter via a biomass balance (BMB) approach as certified by the ISCC PLUS. The certificate can be issued upon request.

**Applications:**

- » Can coating: metal decorating enamels and interior coating.
- » Coil coating: primer for HDG steel; may be used for aluminium primers and appliance finishing.
- » Principal properties are flexibility, adhesion on HDG and corrosion resistance.

**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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