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 ºC	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
Maximum ISSC PLUS-certified content allocated using the mass balance approach, on a dry solids basis	29%

Remarks:

The share of ISCC PLUS certified material is determined individually for each delivery based on the applicable mass balance allocation and is specified in the corresponding Sustainability Declaration. The validity of the ISCC PLUS certificate can be verified via the official website (https://iscc-system.org/).

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.

Disclaimer
This data is based on experience, for its completeness, we assume no liability. As we take no influence on the processing, it lies within the obligation of the customer to test, whether it is suitable for the intended purpose, before using the product. Any change in the processing procedure, the environmental conditions or the failure to comply with instructions may unfavorably influence the result. This Technical Datasheet is available on our website at www.helios.si. Should there be any discrepancies between this document and the version that appears on the website, then the version on the Website will take precedence.