Product code: 478428

DOMOPOL 5118 55 SAB ND

Saturated Polyester Resin

Specification:

Property	Range	Method / According to standard
Non-volatile matter	54 - 56%	MH1155 / ISO 3251
Acid value on solid resin	3 - 5 mg KOH/g	MH1051 / ISO 2114
Hydroxyl value on solid resin	18 - 26 mg KOH/g	MH1052 / ISO 4629
Viscosity, 23 ºC	4000 - 5000 mPa·s	MH1007 / ISO 3219
Colour	max. 3 Gardner	MH1124 / ISO 4630

Typical properties:

Property	Value
Density	1.1 kg/L
Molecular weight	6000
Flash point	63 °C
Hydroxyl content on solid	0.7%
Tg	32 °C
Maximum ISSC PLUS-certified content allocated using the mass balance approach, on a dry solids basis	10%

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/).

Solubility:

Soluble in aromatic hydrocarbons, esters and glycol ethers.

Compatibility:

Compatible with amino resins and blocked polyisocyanate resins.

Applications:

- Domopol 5118 55 SAB ND is intended for can coatings - general purpose, twist off closures.
- In coil coatings it is usable for domestic appliances and indoor use.
- Principal properties are deep drawing, hardness, and drying speed.

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.

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