Product code: Provisional

DOMOPOL 0194 45 Wa

Water-thinnable Saturated Polyester Resin

Specification:

Property	Range	Method / According to standard
Non-volatile matter	44 - 46%	MH1155 / ISO 3251
Acid value on solid resin	50 - 60 mg KOH/g	MH1051 / ISO 2114
Viscosity, 23 ºC	300 - 1500 mPa·s	MH1007 / ISO 3219
pH	7 - 9	MH1040 / ISO 976
Colour	max. 2 Gardner	MH1124 / ISO 4630

Typical properties:

Property	Value
Appearance	Clear to slightly cloudy
Density	1.0 kg/L
Flash point	100 °C
Hydroxyl content on solid	3%
Maximum ISSC PLUS-certified content allocated using the mass balance approach, on a dry solids basis	14%

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/).
- Contains no organic solvent.
- Neutralized with dimethyl ethanol amine. Ratio water / DMEA is app. 50 / 5.

Applications:

- Domopol 0194 45 Wa is suitable for the formulation of base coats and top coats.
- Special properties are high gloss, good weatherability, along with high thermal stability.

Storage:

The resin should be stored indoors in its original, unopened and undamaged container in a dry place at storage temperatures between 5 °C and 35 °C, for up to 6 months. Protect from freezing and avoid exposure to direct sunlight.

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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