

Product code: 402695

DOMOPOL 9508 40 EAC

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	max. 5 mg KOH/g	MH1051 / ISO 2114
Hydroxyl value on solid resin	10 - 20 mg KOH/g	MH1052 / ISO 4629
Viscosity, 23 °C	300 - 1000 mPa·s	MH1007 / ISO 3219
Colour	max. 3 Gardner	MH1124 / ISO 4630

Typical properties:

Property	Value
Solvent	Ethyl Acetate
Density	1.1 kg/L
Molecular weight	14000
Flash point	-4 °C
Tg	7 °C
Bio-based content on solid	24%
Total renewable content on delivery form	10%

Remarks:

The bio-based content is 24% of the dry matter via a biomass balance (BMB) approach as certified by the ISCC PLUS. The certificate can be issued upon request.

Applications:

- » Domopol 9508 can be used in flexible lamination adhesive systems. The resin displays excellent adhesion to a broad range of film substrates including PET, CPP, polyethylene and aluminium.
- » Food contact compliance.

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.

TECHNICAL DATASHEET

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Issue Date: March 2025

Page: 1/1