

Product code: 401818

DOMOPOL 1352 100%

Linear Hydroxyl-bearing Polyester Resin

Specification:

Property	Range	Method / According to standard
Non-volatile matter	100%	MH1155 / ISO 3251
Acid value on solid resin	max. 4 mg KOH/g	MH1051 / ISO 2114
Hydroxyl value on solid resin	45 - 60 mg KOH/g	MH1052 / ISO 4629
Viscosity, 23 °C	9000 - 13000 mPa·s	MH1007 / ISO 3219
Colour	max. 150 APHA	MH1125 / ISO 6271

Typical properties:

Property	Value
Equivalent weight:	1050
Density	1.2 kg/L
Flash point	220 °C
Hydroxyl content on solid	1.6%
Water content	max. 0.1 wt.%

Remarks:

The product is slightly hygroscopic. The product is subject to hazing at low temperatures. After heating or prolonged storage at room temperature, the product should become clear and can then be used with no adverse effects on quality.

Solubility:

- » Soluble in esters and ketones. However, the solutions formed must be tested for their storage stability.
- » Prolonged storage of a solution with low binder content may result in turbidity and sedimentation.
- » Only PU grade solvents should be used.

Compatibility:

Compatible with Desmodur L, Desmodur HL, Domopol 6080 and Domopol 6011.

Applications:

Domopol 1352 100% is used in combination with Desmodur® VL to formulate flexible solvent-free coatings and sealers. If Desmodur® L or HL are used, the formulations will only yield a drying film if they are greatly overcrosslinked.

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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