

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.

Note: The information contained herein is provided in good faith and is to the best of our knowledge accurate, but we assume no liability for its accuracy or completeness. Therefore, the buyer is advised to determine the suitability of this product for the intended use. We retain the right to make any changes according to technological progress or further developments. For safety information please refer to the current Material Safety Data Sheet.

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Helios TBLUS, d.o.o. | Količevo 65, 1230 Domžale, Slovenia | T +386 1 722 40 00
info@resinshelios.com | www.resinshelios.com
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