

Product code: 400348

DOMOPOL 6052 80 BAc

Saturated Polyester Resin (Polyester Polyol)

Specification:

Property	Range	Method / According to standard
Non-volatile matter	79 - 81%	MH1155 / ISO 3251
Acid value on solid resin	max. 3 mg KOH/g	MH1051 / ISO 2114
Hydroxyl value on solid resin	150 - 200 mg KOH/g	MH1052 / ISO 4629
Viscosity, 23 °C	1000 - 2000 mPa·s	MH1007 / ISO 3219
Colour	max. 100 APHA	MH1125 / ISO 6271

Typical properties:

Property	Value
Density	1.1 kg/L
Flash point	32 °C
Hydroxyl content on solid	5.3 %
Water content	0.1 wt. %

Solubility:

- » Soluble in xylene, acetone, ethyl acetate, methoxy propyl acetate, methyl isobutyl ketone.
- » Limited solubility in Solvesso 100.

Applications:

Domopol 6052 80 BAc is used 2K polyurethane coatings as a combination resin for hydroxyl acrylic resins to increase solids content, improve flexibility and outdoor durability in industrial finishes, protective coatings and plastics coatings.

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. Domopol 6052 80 BAc may, due to low temperatures or long storage, become turbid. Heating to around 40 °C or adding solvent will re-homogenise the product.

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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