

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.

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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