

Product code: 400324

DOMOPOL 5144 60%

Saturated Polyester Resin

Specification:

Property	Range	Method / According to standard
Non-volatile matter	59 - 61%	MH1155 / ISO 3251
Acid value on solid resin	15 - 30 mg KOH/g	MH1051 / ISO 2114
Viscosity, 23 °C	1000 - 4500 mPa·s	MH1007 / ISO 3219
Colour	max. 3 Gardner	MH1124 / ISO 4630

Typical properties:

Property	Value
Solvent ratio	Xylene / Butylglycol acetate = 3 / 2
Flash point	39 °C
Hydroxyl content on solid	0.9%

Remarks:

As a solid resin, Domopol 5144 60% complies with FDA Regulations CFR 175.105 and 175.300 for products coming into contact with foods.

Applications:

- » Domopol 5144 60% improves adhesion on aluminium, steel and plastics (e.g. PVC and ABS) as well as intercoat adhesion.
- » Can be used in can and coil coatings and industrial coatings.
- » Recommended addition is 3-15 % (solid calculated on binder solid).

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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