

Product code: 477032

DOMOPOL 5100 60 X

Saturated Polyester Resin

Specification:

Property	Range	Method / According to standard
Non-volatile matter	59 - 61%	MH1155 / ISO 3251
Acid value on solid resin	20 - 30 mg KOH/g	MH1051 / ISO 2114
Viscosity, 23 °C	300 - 650 mPa·s	MH1007 / ISO 3219
Colour	max. 2 Gardner	MH1124 / ISO 4630

Typical properties:

Property	Value
Density	1.0 kg/L
Molecular weight	3000
Flash point	27 °C
Hydroxyl content on solid	0.8%
Tg	20 °C

Solubility:

Soluble in most solvents except aliphatic hydrocarbons.

Applications:

- » Domopol 5100 60 X is a special purpose resin intended to improve the adhesion of paints to various substrates.
- » Adhesion improvement on aluminium, steel and galvanized steel as well as on PVC and ABS plastics.
- » Additionally, improves the intercoat adhesion, corrosion protection, flexibility and gloss.
- » Can be used in can and coil coatings and industrial coatings.
- » Recommended addition level (solid calculated on binder solid): 3.0 - 15.0%

Storage:

The resin should be stored indoors in its original, unopened and undamaged container in a dry place at storage temperatures between 5 °C and 35 °C, for up to 6 months. Protect from freezing and avoid direct sunlight.

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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