

Product code: 409812

DOMACRYL 835 50 BAc

Thermoplastic Acrylic Resin

Specification:

Property	Range	Method / According to standard
Non-volatile matter	50 - 52%	MH1155 / ISO 3251
Acid value on solid resin	5 - 10 mg KOH/g	MH1051 / ISO 2114
Viscosity, 23 °C	3000 - 5000 mPa·s	MH1007 / ISO 3219
Colour	max. 200 APHA	MH1125 / ISO 6271

Typical properties:

Property	Value
Tg	47 °C

Solubility:

- » Soluble in aromatic and aliphatic hydrocarbones, ketones and and glycol ethers.
- » Limited solubility in alcohols.

Applications:

- » Domacryl 835 50 BAc is an air drying polyacrylic resin, developed mainly for the preparation of road-marking paints, masonry paints and concrete coatings.
- » It is used as a universal binder for metal protective coatings alone or in combination with vinyl resins.
- » Domacryl 835 50 BAc based road-marking paints and concrete coatings possess good durability, abrasion resistance and good resistance to yellowing.
- » Metal protective coatings based on Domacryl 835 50 BAc excels in good adhesion on ferrous and non-ferrous metals.

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 24 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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