

Product code: 477992

DOMACRYL 840 50 X

Thermoplastic Acrylic Resin

Specification:

Property	Range	Method / According to standard
Non-volatile matter	51 - 52%	MH1155 / ISO 3251
Acid value on solid resin	5 - 10 mg KOH/g	MH1051 / ISO 2114
Viscosity, 23 °C	4000 - 6000 mPa·s	MH1007 / ISO 3219
Colour	max. 200 APHA	MH1125 / ISO 6271

Typical properties:

Property	Value
Tg	69 °C

Remarks:

Solutions in Toluene and Butylacetate are also used for road marking paints.

Solubility:

- » Soluble in aromatic hydrocarbons, esters and ketones.
- » Limited solubility in aliphatic hydrocarbons and higher alcohols.

Compatibility:

Compatible with plasticizers, vinyl resins, nitrocellulose, modified alkyd resins, acrylic resins and chlorinated rubber.

Applications:

- » Domacryl 840 50 X is an air drying polyacrylic resin, developed mainly for the preparation of pigmented and transparent paints for metal.
- » Because of its low solution viscosity is an ideal product to upgrade solution vinyl, chlorinated rubber and cellulosic systems in durability, heat stability, hiding power and drying time.

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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