

Product code: 419275

DOMACRYL 840 52 T

Thermoplastic Acrylic Resin

Specification:

Property	Range	Method / According to standard
Non-volatile matter	51 - 53%	MH1155 / ISO 3251
Acid value on solid resin	5 - 10 mg KOH/g	MH1051 / ISO 2114
Viscosity, 23 °C	3200 - 3700 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 52 T 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.

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.

Edition: October 2023

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