

Product code: 470252

## DOMACRYL 853 55 BAc

### Thermoplastic Styrene Acrylic Resin

#### Specification:

Property	Range	Method / According to standard
Non-volatile matter	54 - 56%	MH1155 / ISO 3251
Acid value on solid resin	7 - 15 mg KOH/g	MH1051 / ISO 2114
Viscosity, 23 °C	900 - 1600 mPa·s	MH1007 / ISO 3219
Colour	max. 1 Gardner	MH1124 / ISO 4630

#### Typical properties:

Property	Value
Tg	13 °C

#### Solubility:

- » Soluble in aromatic and aliphatic hydrocarbons, esters, ketones and glycol ethers.
- » Limited solubility or insoluble in alcohols.

#### Applications:

- » Domacryl 853 55 BAc is an air drying polyacrylic resin developed mainly for the preparation of road-marking paints.
- » It excels in rapid drying and excellent toughness.
- » Domacryl 853 55 BAc based road - marking paints possess good durability and good resistance to yellowing.

#### 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](http://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

Copyright © Helios Resins & Atcoat | [www.resinshelios.com](http://www.resinshelios.com) | [www.atcoat.com](http://www.atcoat.com)

Issue Date: March 2025

Page: 1/1