TECHNICAL DATA SHEET

Product code: 401819

DOMACRYL 865 50 T

Thermoplastic Acrylic Resin Modified with Drying Oil

Specification:

Property	Range	Method / According to standard
Non-volatile matter	49 - 51%	MH1155 / ISO 3251
Acid value on solid resin	18 - 32 mg KOH/g	MH1051 / ISO 2114
Viscosity, 23 ºC	1000 - 2000 mPa·s	MH1007 / ISO 3219
Colour	max. 4 Gardner	MH1124 / ISO 4630

Typical properties:

Property	Value	Method / According to standard
Tg	27 °C	MH2040 / ISO 11357-2:204
Bio-based content on solid	16%	

Remarks:

The resin contains 16% bio-based content derived from renewable, plant-based feedstocks.

Solubility:

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

Applications:

- Domacryl 865 50 T is an air drying polyacrylic resin intended to produce road marking paints with higher solid content and low tendency to soiling.
- Paints based on Domacryl 865 50 T provide 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. 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.