

Product code: 400349

DOMACRYL 580 67 BA_c

Special Hydroxy Acrylic Resin

Specification:

| Property | Range | Method / According to standard |
|-------------------------------|--------------------|--------------------------------|
| Non-volatile matter | 66 - 68% | MH1155 / ISO 3251 |
| Acid value on solid resin | 4 - 8 mg KOH/g | MH1051 / ISO 2114 |
| Hydroxyl value on solid resin | 110 - 130 mg KOH/g | MH1052 / ISO 4629 |
| Viscosity, 23 °C | 3000 - 6000 mPa·s | MH1007 / ISO 3219 |
| Colour | max. 50 APHA | MH1125 / ISO 6271 |

Typical properties:

| Property | Value |
|---------------------------|---------------|
| Density | 1 kg/L |
| Flash point | 26 °C |
| Hydroxyl content on solid | 3.6% |
| Water content | max. 0.1 wt.% |

Applications:

- » Hydroxy acrylic resin with very long pot-life and super-fast hardness development at room temperatures and forced drying.
- » Designed to be used in 2K PUR clear and top coats for automotive refinish and transportation coating applications.
- » Coatings based on Domacryl 580 67 BA_c have good balance between hardness and flexibility with good mechanical properties and outdoor durability.
- » Supply form in butyl acetate is suitable for aromatic-free systems.
- » Broad compatibility with similar acrylic resins.

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 12 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

Copyright © Helios Resins & Atcoat | www.resinshelios.com | www.atcoat.com

Issue Date: March 2025

Page: 1/1