

Product code: 479362

## DOMACRYL 5187 70 BAc

### Hydroxy Acrylic Resin

#### Specification:

Property	Range	Method / According to standard
Non-volatile matter	69 - 71%	MH1155 / ISO 3251
Acid value on solid resin	max. 15 mg KOH/g	MH1051 / ISO 2114
Hydroxyl value on solid resin	130 - 145 mg KOH/g	MH1052 / ISO 4629
Viscosity, 23 °C	2800 - 4200 mPa·s	MH1007 / ISO 3219
Colour	max. 100 APHA	MH1125 / ISO 6271

#### Typical properties:

Property	Value
Density	1 kg/L
Flash point	25 °C
Hydroxyl content on solid	4.2%
Water content	max. 0.1 wt.%

#### Solubility:

- » Soluble in aromatic hydrocarbons, glycol ethers, glycol esters.
- » Insoluble in aliphatic hydrocarbons.

#### Applications:

- » Highly reactive hydroxy acrylic resin intended for crosslinking with isocyanate resins. It has a broad compatibility with similar acrylic resins.
- » Paints based on Domacryl 5187 70 BAc have good balance between hardness and flexibility with excellent mechanical properties, superior outdoor durability and solvent resistance.
- » Used for room temperature drying or forced drying of two-pack systems for automotive refinishing and industrial coatings.
- » Crosslinking with aliphatic isocyanates is recommended for the formulation of non-yellowing finishing.

#### 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](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

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Page: 1/1