

Product code: 481192

DOMACRYL 5369 75 BAc

Special Hydroxy Acrylic Resin

Specification:

Property	Range	Method / According to standard
Non-volatile matter	74 - 76%	MH1155 / ISO 3251
Acid value on solid resin	max. 3 mg KOH/g	MH1051 / ISO 2114
Hydroxyl value on solid resin	80 - 100 mg KOH/g	MH1052 / ISO 4629
Viscosity, 23 °C	6000 - 9000 mPa·s	MH1007 / ISO 3219
Colour	max. 50 APHA	MH1125 / ISO 6271

Typical properties:

Property	Value
Density	1 kg/L
Flash point	25 °C
Hydroxyl content on solid	2.8%
Water content	max. 0.1 wt.%

Remarks:

Coatings based on Domacryl 5369 75 BAc requires at least 5-times higher amount of curing catalyst.

Solubility:

Soluble in aromatic solvent 100, aromatic solvent 150, xylene, toluene, acetone, ethyl acetate, n-butyl acetate, methoxy propyl acetate, and methyl isobutyl ketone.

Compatibility:

Compatible with HDI-isocyanurate, HDI-biuret, Desmodur Z 4470, Domacryl 5245 75 BAc and Domacryl 5451 50 BAc.

Applications:

- » Hydroxy acrylic resin with very long pot-life and super-fast hardness development.
- » Designed to be used in 2K PUR clear and top-coats for automotive refinish and transportation coating applications.
- » Supply form in butyl acetate is suitable for aromatic-free systems and gives high solids system at spraying viscosity (VOC ≤ 420 g/l).
- » Coatings based on Domacryl 5369 75 BAc gives films with good adhesion on different substrates, hardness, gloss and elasticity.
- » Crosslinking with aliphatic isocyanates is recommended for the formulation of non-yellowing finishing. Physical drying can be accelerated with the addition of CAB 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

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