TECHNICAL DATA SHEET

Product code: 479363

DOMACRYL 5367 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	15 - 22 mg KOH/g	MH1051 / ISO 2114
Hydroxyl value on solid resin	75 - 100 mg KOH/g	MH1052 / ISO 4629
Viscosity, 23 ºC	2700 - 4700 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	2.6%
Water content	max. 0.1 wt.%

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 isocyanate resins: HDI- isocyanurate, HDI-biuret, Desmodur Z 4470 and other binders: melamine resins, nitrocellulose (ester soluble).

Applications:

- Hydroxy acrylic resin intended for crosslinking with isocyanate resins for two-component air and forced drying protective top coats.
- Enamels based on Domacryl 5367 70 BAc gives films with good adhesion on different substrates, hardness, gloss and elasticity.
- Suitable for two-component anticorrosion primers, primer surfaces for automotive refinish and ACE coating applications.
- 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.

Edition: June 2023

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