

Product code: 479360

DOMACRYL 5130 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	6 - 10 mg KOH/g	MH1051 / ISO 2114
Hydroxyl value on solid resin	90 - 110 mg KOH/g	MH1052 / ISO 4629
Viscosity, 23 °C	4000 - 6000 mPa·s	MH1007 / ISO 3219
Flow time, 20 °C	40 - 60s (F4, 100:40 with MPA)	
Colour	max. 50 APHA	MH1125 / ISO 6271

Typical properties:

Property	Value
Density	1.1 kg/L
Flash point	27 °C
Hydroxyl content on solid	3%
Water content	max. 0.1 wt.%

Solubility:

Soluble in aromatic hydrocarbons, glycol ethers, glycol esters and dibasic esters.

Applications:

- » Highly reactive hydroxy acrylic resin intended for crosslinking with isocyanate resins.
- » It has a broad compatibility with similar acrylic resins.
- » Coatings based on Domacryl 5130 70 BAc have good balance between hardness and flexibility, with excellent mechanical properties and superior outdoor durability.
- » Used for room temperature drying or forced drying of two-pack primers and top coats for transportation coatings, machinery and other high quality protective and maintenance 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. 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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