

Product code: 479378

DOMACRYL 5437 75 SA

Hydroxy Acrylic Resin

Specification:

Property	Range	Method / According to standard
Non-volatile matter	74 - 76%	MH1155 / ISO 3251
Acid value on solid resin	8 - 12 mg KOH/g	MH1051 / ISO 2114
Hydroxyl value on solid resin	110 - 130 mg KOH/g	MH1052 / ISO 4629
Viscosity, 23 °C	4200 - 7000 mPa·s	MH1007 / ISO 3219
Colour	max. 100 APHA	MH1125 / ISO 6271

Solubility:

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

Compatibility:

- » Compatible with isocyanate and melamine resins.
- » Limited compatibility with hydroxy acrylic resins.

Applications:

- » Domacryl 5437 75 SA is intended for high solids STOVING automotive or general industry finishes in combination with melamine resins.
- » Ratio of acrylic resin to melamine resins approx. 80:20% (calculated on solid resin).
- » Appearance improvement of topcoats with stoving alkyd or thermosetting acrylic resins is possible. Compatibility must be checked.

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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Page: 1/1