

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.

Note: The information contained herein is provided in good faith and is to the best of our knowledge accurate, but we assume no liability for its accuracy or completeness. Therefore, the buyer is advised to determine the suitability of this product for the intended use. We retain the right to make any changes according to technological progress or further developments. For safety information please refer to the current Material Safety Data Sheet.

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