

Product code: 479340

DOMACRYL 5353 58 X/BAc

Hydroxy Acrylic Resin

Specification:

Property	Range	Method / According to standard
Non-volatile matter	57 - 59%	MH1155 / ISO 3251
Acid value on solid resin	max. 10 mg KOH/g	MH1051 / ISO 2114
Hydroxyl value on solid resin	50 - 75 mg KOH/g	MH 1052 / ISO 4629
Viscosity, 23 °C	2500 - 5500 mPa·s	MH1007 / ISO 3219
Colour	max. 100 APHA	MH1125 / ISO 6271

Typical properties:

Property	Value
Density	1 kg/L
Flash point	27 °C
Hydroxyl content	2%
Water content	max. 0.1 wt.%

Solubility:

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

Compatibility:

Compatible with isocyanate resins: HDI-biuret, Desmodur L 75, Desmodur IL, Desmodur HL and other binders: nitrocellulose (ester soluble), CAB 381-05, CAB 551-02, Vinylite VAGH, Vinylite VROH.

Applications:

- » Highly reactive hydroxy acrylic resin intended for crosslinking with aliphatic and aromatic isocyanate resins.
- » Fast build-up of hardness.
- » For industrial two-pack polyurethane furniture finishing with high gloss.
- » Crosslinking with aliphatic isocyanates and the use of CAB 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.

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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