

Product code: 402627

DOMACRYL 5220 45 Bac/X

Hydroxy Acrylic Resin

Specification:

Property	Range	Method / According to standard
Non-volatile matter	44 - 46%	MH1155 / ISO 3251
Acid value on solid resin	6 - 12 mg KOH/g	MH1051 / ISO 2114
Hydroxyl value on solid resin	30 - 40 mg KOH/g	MH1052 / ISO 4629
Viscosity, 23 °C	2000 - 6000 mPa·s	MH1007 / ISO 3219

Typical properties:

Property	Value
Solvent ratio	Butyl acetate / Xylene = 3 / 1
Appearance	opaque, yellowish
Density	1 kg/L
Flash point	24 °C
Hydroxyl content on solid	1%
Water content	max. 0.1 wt.%

Solubility:

- » Soluble in xylene, toluene, ethyl acetate, n-butyl acetate, methoxy propyl acetate, methyl isobutyl ketone, methyl isobutyl ketone, aromatic solvents.

Applications:

- » Designed to provide very good adhesion on plastic substrates (PP, PE, PVC).
- » Highly reactive hydroxy acrylic resin intended for crosslinking with isocyanate resins with a fast build-up of hardness.
- » Good balance between hardness and flexibility.
- » Used for car-refinish and industrial metal two-pack polyurethane primers.

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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