

Product code: 479360

## DOMACRYL 5130 70 BA<sub>c</sub>

### 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
Solvent ratio	Acetone / Butylglycol acetate / Methoxy propyl acetate = 1 / 1.1 / 1.3
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 BA<sub>c</sub> 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.

**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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