

Product code: 479362

DOMACRYL 5187 70 BAc

Hydroxy Acrylic Resin

Specification:

| Property | Range | Method / According to standard |
|-------------------------------|--------------------|--------------------------------|
| Non-volatile matter | 69 - 71% | MH1155 / ISO 3251 |
| Acid value on solid resin | max. 15 mg KOH/g | MH1051 / ISO 2114 |
| Hydroxyl value on solid resin | 130 - 145 mg KOH/g | MH1052 / ISO 4629 |
| Viscosity, 23 °C | 2800 - 4200 mPa·s | MH1007 / ISO 3219 |
| Colour | max. 100 APHA | MH1125 / ISO 6271 |

Typical properties:

| Property | Value |
|---------------------------|---------------|
| Density | 1 kg/L |
| Flash point | 25 °C |
| Hydroxyl content on solid | 4.2% |
| Water content | max. 0.1 wt.% |

Solubility:

- » Soluble in aromatic hydrocarbons, glycol ethers, glycol esters.
- » Insoluble in aliphatic hydrocarbons.

Applications:

- » Highly reactive hydroxy acrylic resin intended for crosslinking with isocyanate resins. It has a broad compatibility with similar acrylic resins.
- » Paints based on Domacryl 5187 70 BAc have good balance between hardness and flexibility with excellent mechanical properties, superior outdoor durability and solvent resistance.
- » Used for room temperature drying or forced drying of two-pack systems for automotive refinishing and industrial 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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