

Product code: 470265

## DOMACRYL 5705 60 X

### Hydroxy Acrylic Resin

**Specification:**

Property	Range	Method / According to standard
Non-volatile matter	59 - 61%	MH1155 / ISO 3251
Acid value on solid resin	5 - 10 mg KOH/g	MH1051 / ISO 2114
Hydroxyl value on solid resin	85 - 105 mg KOH/g	MH1052 / ISO 4629
Viscosity, 23 °C	3000 - 4000 mPa·s	MH1007 / ISO 3219
Colour	max. 100 APHA	MH1125 / ISO 6271

**Typical properties:**

Property	Value
Density	1 kg/L
Flash point	24 °C
Hydroxyl content on solid	2.8%
Water content	max. 0.1 wt.%

**Solubility:**

- » Soluble in aromatic solvent 100, aromatic solvent 150, xylene, toluene, acetone, ethyl acetate, n-Butyl acetate, n-butanol, methoxy propyl acetate and methyl isobutyl ketone.

**Compatibility:**

- » Compatible with isocyanate resins: HDI-isocyanurate, HDI-biuret and nitrocellulose (ester soluble).
- » Limited compatibility with CAB 551-0.2.

**Applications:**

- » Domacryl 5705 60 X is intended for crosslinking with isocyanate resins for two-component air drying topcoats for metal.
- » Enamels based on Domacryl 5705 60 X gives films with good adhesion, hardness, gloss and elasticity.
- » Suitable for industrial applications, e.g. agricultural machinery and high - grade industrial paints.
- » 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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Helios TBLUS, d.o.o. | Količevo 65, 1230 Domžale, Slovenia | T +386 1 722 40 00  
info@resinshelios.com | [www.resinshelios.com](http://www.resinshelios.com)  
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