

Product code: Provisional

## DOMACRYL 5267 60 MEK

### Hydroxy Acrylic Resin

#### Specification:

Property	Range	Method / According to standard
Non-volatile matter	58 - 62%	MH1155 / ISO 3251
Acid value on solid resin	max. 5 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
Colour	max. 1 Gardner	MH1124 / ISO 4630

#### Typical properties:

Property	Value
Density	1 kg/L
Flash point	15 °C
Hydroxyl content on solid	2.8%
Water content	max. 0.1 wt.%

#### Solubility:

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

#### Compatibility:

- » Compatible with isocyanate resins: HDI-isocyanurate, HDI-biuret, Desmodur L 75, Desmodur IL, Desmodur HL and nitrocellulose (ester soluble).
- » Very limited compatibility with CAB.

#### Applications:

- » Very fast drying hydroxy acrylic resin intended for crosslinking with isocyanate resins.
- » Fast film hardness build-up.
- » Used for industrial two-pack polyurethane coatings for plastics and wood.
- » Crosslinking with aliphatic and cycloaliphatic isocyanates is recommended for the formulation of non-yellowing finishes.

#### 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.

Edition: June 2023

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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