

Product code: 479350

DOMACRYL 5196 60 SA

Hydroxy Acrylic Resin

Specification:

Property	Range	Method / According to standard
Non-volatile matter	59 - 61%	MH1155 / ISO 3251
Acid value on solid resin	max. 10 mg KOH/g	MH1051 / ISO 2114
Hydroxyl value on solid resin	33 - 50 mg KOH/g	MH1052 / ISO 4629
Viscosity, 23 °C	4000 - 5000 mPa·s	MH1007 / ISO 3219
Colour	max. 50 APHA	MH1125 / ISO 6271

Typical properties:

Property	Value
Density	1 kg/L
Flash point	40 °C
Hydroxyl content on solid	1.3%
Water content	max. 0.1 wt.%

Solubility:

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

Compatibility:

- » Compatible with isocyanate resins: HDI-isocyanurate, HDI-biuret, Desmodur Z 4470 and nitrocellulose (ester soluble).
- » Limited compatibility with CAB 551-0.2.

Applications:

- » Hydroxy acrylic resin intended for crosslinking with isocyanate resins for two-component air and forced drying protective top coats.
- » Enamels based on Domacryl 5196 60 SA gives films with good adhesion on different substrates, lightfastness and chalking resistance.
- » Suitable for two-component ACE and high-grade 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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