

Product code: 418835

DOMACRYL 506 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 | 50 - 65 mg KOH/g | MH1052 / ISO 4629 |
| Viscosity, 23 °C | 2000 - 2400 mPa·s | MH1007 / ISO 3219 |
| Colour | max. 100 APHA | MH1125 / ISO 6271 |

Typical properties:

| Property | Value |
|---------------------------|---------------|
| Density | 1 kg/L |
| Flash point | 48 °C |
| Hydroxyl content on solid | 1.8% |
| Water content | max. 0.1 wt.% |

Solubility:

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

Compatibility:

- » Compatible with HDI-isocyanurate, HDI-biuret and Desmodur L 75.
- » Incompatible with Desmodur HL.

Applications:

- » Hydroxy acrylic resin intended for crosslinking with isocyanate resins for two-component air drying and STOVING protective top coats.
- » Enamels based on Domacryl 506 60 SA gives films with good hardness, gloss and elasticity.
- » 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.

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
Part of KANSAI PAINT.