

Product code: 417993

## DOMACRYL 503 55 X/BAc/nB

### Hydroxy Acrylic Resin

**Specification:**

Property	Range	Method / According to standard
Non-volatile matter	54 - 56%	MH1155 / ISO 3251
Acid value on solid resin	10 - 15 mg KOH/g	MH1051 / ISO 2114
Viscosity, 23 °C	1700 - 2600 mPa·s	MH1007 / ISO 3219
Colour	max. 50 APHA	MH1125 / ISO 6271

**Typical properties:**

Property	Value
Solvent ratio	Xylene / Butyl acetate / n-Butanol = 2 / 2 / 1

**Solubility:**

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

**Compatibility:**

Compatible with other binders: Vinyl VAGH, CAB.

**Applications:**

- » Domacryl 503 55 X/Bac/nB is intended for crosslinking with melamine and urea resins for the formulation of stoving enamels.
- » Used for automotive finishes (basecoat and clear coat) and other industrial STOVING applications. Ratio of acrylic resin to melamine resins is approx. 75 : 25 % (calculated on solid resin).
- » In combination with cellulose acetate butyrate is used for basecoat in two-coat finishes.
- » Enamels based on Domacryl 503 55 X/Bac/nB gives films with good adhesion, hardness, gloss and elasticity. Heat and UV resistant.

**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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