

Product code: 419923

DOMACRYL 8383 65 D-40

Thermoplastic Acrylic Resin

Specification:

Property	Range	Method / According to standard
Non-volatile matter	64 - 66%	MH1155 / ISO 3251
Acid value on solid resin	max. 3 mg KOH/g	MH1051 / ISO 2114
Viscosity, 23 °C	2000 - 3000 mPa·s	MH1007 / ISO 3219
Colour	max. 3 Gardner	MH1124 / ISO 4630

Solubility:

- » Soluble in aromatic and aliphatic hydrocarbons, esters and ketones.
- » Limited solubility or insoluble in alcohols.

Compatibility:

Compatible with oxidative drying medium and long oil alkyd resins, TMP-esterified short oil alkyd resins, urethane oils and urethane alkyd resins, urethane modified epoxy esters and vegetable oils.

Applications:

- » Physically and oxidative drying polyacrylic resin used as a combination resin for optimization of different characteristics, like drying, film hardness, gloss, pigment wetting, improvement of adhesion on heavy substrates (non-iron metals), enhanced corrosion protection.
- » Optimal characteristics can be obtained with addition of 5 - 20% of Domacryl 8383 65 D-40 to another alkyd resin.
- » Combinations of Domacryl 8383 65 D-40 as a main resin with urethane modified alkyd resins in ratio 75:25 (solid on solid) gives systems with good adhesion also on non-iron metals with good through drying, resistance to petrol and reduced thermoplasticity.

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 24 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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