

Product code: 402684

DOMACRYL 8382 65 D-60

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 |

Typical properties:

| Property | Value | Method / According to standard |
|----------|-------|--------------------------------|
| Tg | 39 °C | MH2040 / ISO 11357-2:204 |

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 8382 65 D-60 to another alkyd resin.
- » Combinations of Domacryl 8382 65 D-60 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.

Disclaimer

This data is based on experience, for its completeness, we assume no liability. As we take no influence on the processing, it lies within the obligation of the customer to test, whether it is suitable for the intended purpose, before using the product. Any change in the processing procedure, the environmental conditions or the failure to comply with instructions may unfavorably influence the result. This Technical Datasheet is available on our website at www.helios.si. Should there be any discrepancies between this document and the version that appears on the website, then the version on the Website will take precedence.

TECHNICAL DATASHEET

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Issue Date: May 2025

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