

SYNOCRYL® 826 S 60

GENERAL INDUSTRY

ARKEMA COATING RESINS

Product Application details

SYNOCRYL® 826 S 60 is a general purpose hydroxy functional acrylic resin suitable for use in the formulation of low temperature stoving systems for auto body enamels and domestic appliance finishing.

Performance Benefits

- Excellent gloss and colour retention
- Excellent durability
- Excellent polishing properties
- Good chemical and stain resistance
- Good adhesion and hardness

Polymer Type

- Solventborne Acrylic

Sales Specifications

Solid Content at 125°C, % (ISO 3251)	58 - 62
Viscosity at 25°C, mPa.s (at 17 s-1) (ISO 3219)	700 - 1100
Colour, Hazen scale (ISO 6271)	100 max
Acid value, mg KOH/g (ISO 2114)	16 max

Other Characteristics¹

Volatile	1:1 Xylene:n-Butanol
Flash point, °C (ISO 3679)	24
Density / Specific Gravity at 20°C, g/ml (ISO 2811)	0.97

Note: Acid value and/or Hydroxyl value quoted relative to solid resin

¹ The data provided for these properties are typical values, intended only as guides, and should not be construed as sales specifications

Formulation Guidelines

RECOMMENDATIONS FOR USE

SYNOCRYL® 826 S 60 should be used in conjunction with amino resins to give coatings which cure in 30 minutes at 120-130°C. Butylated melamine formaldehyde resins are preferred and should be employed at acrylic/amino resin solids ratios of between 60:40 and 80:20. Optimum properties of hardness and flexibility can be obtained at a 70:30 acrylic/amino resin solids ratio.

SOLUBILITY

SYNOCRYL® 826 S 60 is soluble in aromatic hydrocarbons, esters, ketones and glycol ethers and partially soluble in alcohols and aliphatic hydrocarbons.

COMPATIBILITY

SYNOCRYL® 826 S 60 is compatible with similar thermosetting acrylic resins, etherified amino resins and some plasticizing alkyds.

Product Safety

Please refer to the corresponding Safety Data Sheet.

Storage & Handling

SYNOCRYL® 826 S 60 should be stored indoors in the original, unopened and undamaged container, in a dry place at a temperature not exceeding 30°C. Exposure to direct sunlight should be avoided.

In the above mentioned storage conditions the shelf life of the resin will be 6 months from the shipping date

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The logo for ARKEMA, featuring the word "ARKEMA" in a bold, sans-serif font. The letters "A", "R", "K", "E", and "M" are in a dark blue color, while the letter "A" at the end is in a green color.