

SYNOLAC[®] 800AG

Saturated (Oil Free) Polyester

ARKEMA COATING RESINS

Product

Application details

SYNOLAC[®] 800AG is an economy oil free polyester for use in coil coating applications. The resin can also be used in general metal decorating applications.

Performance Benefits

- Good lightfastness
- Exterior durability
- Very good stain resistance

Polymer Type

- Solventborne Polyester

Sales Specifications

Solid Content at 125°C, % (ISO 3251)	59 - 61
Viscosity at 25°C, Gardner Holdt	X - Z1
Colour, Gardner scale (ASTM D1544)	4 max
Acid value, mg KOH/g (ISO 2114)	10 max

Other Characteristics¹

Volatile	Aromatic 150 / butyl glycol
Density / Specific Gravity at 25°C, g/ml (ISO 2811)	1.05
Hydroxyl Value, %	1.40

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

RECOMMENDATIONS FOR USE

SYNOLAC[®] 800AG should be used with a suitable methylated melamine resin in the ratio of 80:20 to 85:15 based on solid resins.

The addition of a catalyst such as Nacure 2500 (King Industries) at 0.1 – 0.2% can assist in increasing cure rate.

Formulation Guidelines

SOLUBILITY

Glycol Ether Esther	Complete
Glycol Ether	Complete
Aromatic hydrocarbon	Complete

General industrial enamels can be formulated with 70:30 to 80:20 ratios with hexamethoxymethyl melamine or part methylated melamine, with 2% pTSA catalyst.

SYNOLAC[®]

Product Safety

Please refer to the corresponding Safety Data Sheet.

Storage & Handling

SYNOLAC® 800AG should be stored indoors in the original, unopened and undamaged container, in a dry place at a temperature not exceeding 35°C. Exposure to direct sunlight should be avoided.

In the above mentioned storage conditions the shelf life of the resin will be 12 months.

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The logo for ARKEMA, with the word in a bold, sans-serif font. The 'A' and 'R' are dark blue, and the 'KEMA' part is green.