

SYNOLAC[®] 9002-60

ARKEMA COATING RESINS

Product Application details

SYNOLAC[®] 9002-60 is a medium oil alkyd resin based on semidrying oil and made in combination with glycerol. SYNOLAC[®] 9002-60 is recommended to use as sole medium in roller coating and tube coating enamels.

Performance

- Excellent deep drawing properties
- Excellent gloss and gloss retention
- Good adhesion
- Excellent color and color retention

Polymer Type

- Solvent borne Alkyd

Sales Specifications

% Solid Content (at 150°C, 1gm, 1hr,) (ISO 3251)	58 - 62
Viscosity in seconds at 30°C, (B-4 Ford Cup, 50% in Aromax)	250 - 300
Colour, Gardner scale (ISO 4630)	10 Max
Acid value, mg KOH/g (ISO 2114)	20 Max

Other Characteristics¹

Volatile	Aromax
Oil Length	55
Density / Specific Gravity at 20°C, g/ml (ISO 2811)	1.01
Oil or Fatty Acid Type	Semidrying

Note: Acid value and oil length 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

Formulation Guidelines

In pigmented roller coating enamels, SYNOLAC 9002-60 is recommended for use with traces of metallic driers and/or minor amounts of amino resin may be added to increase surface hardness. Enamels based on SYNOLAC 9002-60 typically have 1:1 pigment binder ratio.

Baking Schedule:

Enamels or clear varnishes based on SYNOLAC 9002-60 will normally baked in the range of 15 minutes at 150°C and 10 minutes at 170°C.

SOLUBILITY:

SYNOLAC[®] 9002-60 is completely soluble in aromatic hydrocarbons, ketones and esters. It does have limited solubility in alcohols like butanol, isopropanol.

USES:

SYNOLAC[®] 9002-60 is use for roller coating and tube coating enamels.

SYNOLAC[®]

Product Safety

Please refer to the corresponding Safety Data Sheet

Storage & Handling

SYNOLAC[®] 9002-60 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. Under the above mentioned storage conditions the shelf life of the resin will be 12 months from the date of manufacturing.

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