

TECHNICAL DATA SHEET

SYNOLAC® 9002-60

Medium oil alkyd

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.

SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content (at 150°C, 1gm, 1hr)	58 - 62 %	ISO 3251
Viscosity (50% Aromax, Ford Cup B-4) (at 30°C)	250 -300 s	
Color	10 max Gardner	ISO 4630
Acid value	20 max mg KOH/g	ISO 2114

OTHER CHARACTERISTICS¹

	CHARACTERISTICS	METHODS
Volatile	Aromax	
Density (at 20°C)	1.01 g/ml	ISO 2811
Fatty acid type	Linoleic	
Fatty acid content	55 %	

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

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

MARKETS

Coatings & Inks

- Industrial Coating
 - Packaging Coating Metal (Can And Others)

PERFORMANCE BENEFITS

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

SYNOLAC® 9002-60

FORMULATION GUIDELINES

RECOMMENDATIONS FOR USE

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.

PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

STORAGE AND 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. In the above mentioned storage conditions the shelf life of the resin will be from the date of manufacturing.

Shelf Life (Months): 12

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