

## TECHNICAL DATA SHEET

# SYNOLAC® 1035 X 60

Short Oil Alkyd

### PRODUCT APPLICATION DETAILS

SYNOLAC® 1035 X 60 is a short oil alkyd resin based on tall oil.  
SYNOLAC® 1035 X 60 is recommended for general purpose stoving enamels, with good mechanical properties and acid catalysed lacquers

### SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content (125°C)	59 - 61 %	ISO 3251
Viscosity (Brookfield SC4-25/13R, 6.6s-1) (25°C)	6000 - 15000 mPa.s	ISO 3219
Color	7 max Gardner	ISO 4630
Acid value	15 max mg KOH/g	ISO 2114

### OTHER CHARACTERISTICS<sup>1</sup>

	CHARACTERISTICS	METHODS
Solvent	Xylene	-
Flash point	25 °C	ISO 3679
Density	1 g/ml	ISO 2811
Fatty acid type	Tall oil fatty acid	-
Fatty acid content	38 %	-

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

### MARKETS & APPLICATIONS

#### Coatings & Inks

- Industrial Coating
- General Industry

### PERFORMANCE BENEFITS

- Excellent gloss
- Good balance of mechanical properties
- Excellent yellowing resistance
- Excellent pigment wetting

# SYNOLAC® 1035 X 60

## FORMULATION GUIDELINES

### **SOLUBILITY**

SYNOLAC® 1035 X 60 is soluble in aromatic hydrocarbons, esters, ketones, glycol ethers, partially soluble in terpenic solvents and alcohols and insoluble in aliphatic hydrocarbons.

### **COMPATIBILITY**

SYNOLAC® 1035 X 60 is compatible with short alkyd drying resins, oil free resins, urea/formaldehyde resins, benzoguanamine resins and nitrocellulose resins. It is partially compatible with short alkyd non drying resins and melamine/formaldehyde resins and incompatible with cardura resins.

## PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

## STORAGE AND HANDLING

SYNOLAC® 1035 X 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 shipping date.

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