

# SYNOLAC® 1035 X 60

GENERAL INDUSTRY

ARKEMA COATING RESINS

## 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

## Performance Benefits

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

## Polymer Type

- Solventborne Alkyd

## Sales Specifications

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

## Other Characteristics<sup>1</sup>

Volatile	Xylene
Flash point, °C (ISO 3679)	25
Density / Specific Gravity at 25°C, g/ml (ISO 2811)	1.0
Type of fatty acid	Tall oil fatty acid
Fatty Acid content, %	38

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

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

## 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.

SYNOLAC®

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**Product Safety**

Please refer to the corresponding Safety Data Sheet.

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**Storage & 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 9 months from the shipping date

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