

SYNOLAC® 140 X 60

GENERAL INDUSTRY

ARKEMA COATING RESINS

Product

SYNOLAC® 140 X 60 is a short alkyd resin based on soya oil with good reactivity, suitable for short curing oven time.

Application details

SYNOLAC® 140 X 60 is recommended for general use in oven curing enamels and varnishes, nitrocellulose and acid curing lacquers.

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)	3100 - 4800
Colour, Gardner scale (ISO 4630)	6 max
Acid value, mg KOH/g (ISO 2114)	10 - 15

Other Characteristics¹

Volatile	Xylene
Flash point, °C (ISO 3679)	27
Density / Specific Gravity at 25°C, g/ml (ISO 2811)	1.10
Type of fatty acid	Soya
Fatty Acid content, %	41

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

Formulation Guidelines

SOLUBILITY

SYNOLAC® 140 X 60 is soluble in aromatic hydrocarbons, esters, ketones and glycol ethers. It has a limited solubility in alcohols and it is insoluble in aliphatic hydrocarbons.

COMPATIBILITY

SYNOLAC® 140 X 60 is compatible with many others short oil drying and non-drying alkyds, OFPE, urea and melamine formaldehyde resins, benzoguanamine and nitrocellulose.

It is incompatible with medium and long oil alkyds.

Product Safety

Please refer to the corresponding Safety Data Sheet.

Storage & Handling

SYNOLAC® 140 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.
Under the above mentioned storage conditions the shelf life of the resin will be 9 months from the shipping date.

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See SDS for Health & Safety Considerations.

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For any use of Arkema's product in Medical Device applications, please contact Arkema's sales network.

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