

# SYNOLAC® 7312 X 60

INDUSTRIAL WOOD

ARKEMA COATING RESINS

## Product Application details

SYNOLAC® 7312 X 60 is a short oil alkyd resin based on special fatty acids. SYNOLAC® 7312 X 60 is a polymer with a high grade of flexibility and compatibility studied in order to manufacture sealers and finishes that may be hardened mainly with isocyanurates. SYNOLAC® 7312 X 60 can be used to manufacture fast drying wood coatings with a solids content higher than 40%.

## Polymer Type

- Solventborne Alkyd

## Sales Specifications

Solid Content at 125°C, % (ISO 3251)	58 - 62
Viscosity at 25°C, mPa.s (Brookfield SC4-25/13R, 6.6s-1) (ISO 3219)	4500 - 8000
Colour, Gardner scale (ISO 4630)	6 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)	1.02
Type of fatty acid	Special fatty acids
Fatty Acid content, %	34
Hydroxyl Content, %	5

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® 7312 X 60 is soluble in aromatic hydrocarbons, esters, ketones and glycol ethers and has a limited solubility in aliphatic hydrocarbons and alcohols.

### COMPATIBILITY

SYNOLAC® 7312 X 60 is compatible with most short oil alkyds resins, nitrocellulose, phthalate plasticizers, maleic resins, urea and melamine resins and polyisocyanates.

Notice that the presence of this resin increases the compatibility between nitrocellulose and isocyanurates.

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**Product Safety**

Please refer to the corresponding Safety Data Sheet.

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**Storage & Handling**

SYNOLAC® 7312 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 6 months from the shipping date.

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See SDS for Health & Safety Considerations.

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