

SYNOLAC® 5402 X 60

GENERAL INDUSTRY

ARKEMA COATING RESINS

Product Application details

SYNOLAC® 5402 X 60 is an short oil alkyd resin. SYNOLAC® 5402 X 60 have a remarkable fast drying and hardness development resin. It has been especially designed for fast air drying lacquers, for low temperatures (60°C-80°C) stoving lacquers and for stoving lacquers in combination with an amino resin. Moreover, it shows a good weatherability.

Polymer Type

- Solventborne Alkyd

Sales Specifications

Solid Content %	58.5 - 61.5
Viscosity at 20°C, dPa.s (Noury)	100 - 150
Colour, Gardner scale	6 max
Acid value, mg KOH/g (ISO 2114)	12 max

Other Characteristics¹

Volatile	Xylene / aromatic solvent (boiling range 155°C - 181°C) (3/1)
Density / Specific Gravity, g/ml	1.03
Fatty Acid content, %	30

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

DRIERS

It is recommended to use the following driers combination: 0.05% cobalt, 0.07% zirconium and 0.28% calcium, calculated as % metal on solid resin.

Depending on the formulation (clear, pigmented, thixotropic, etc...) and on the application, the loading of each drier may be increased or reduced in order to achieve the appropriate drying/hardness profile.

The use of antiskinning agent is essential to prevent in-can skinning of the finished product.

SOLUBILITY

SYNOLAC® 5402 X 60 is soluble in aromatic solvents (toluene, xylene, aromatic solvent (boiling range 155°C-181°C) butyl acetate, methoxypropanol acetate, diacetone alcohol and glycol ethers.

Product Safety

Please refer to the corresponding Safety Data Sheet.

Storage & Handling

SYNOLAC® 5402 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 12 months from the shipping date.

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See SDS for Health & Safety Considerations.

The products described in the document are not Medical grades designated for Medical Device applications.

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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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