

TECHNICAL DATA SHEET

SYNOLAC® 5402 X 60

Short Oil Alkyd

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.

SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content	58.5 - 61.5 %	ISO 3251
Viscosity (Noury) (20°C)	100 - 150 dPa.s	-
Color	6 max Gardner	ISO 4630
Acid value	12 max mg KOH/g	ISO 2114

OTHER CHARACTERISTICS¹

	CHARACTERISTICS	METHODS
Solvent	Xylene / aromatic solvent (boiling range 155°C - 181°C) (3/1)	-
Density	1.03 g/ml	ISO 2811
Fatty acid content	30 %	-

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

MARKETS

Coatings & Inks

- Industrial Coating
 - General Industry
 - Protective And Marine Coating

SYNOLAC® 5402 X 60

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 AND 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.

In the above mentioned storage conditions the shelf life of the resin will be from the shipping date.

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