

TECHNICAL DATA SHEET

SYNOLAC® 140 X 60

Short Oil Alkyd

PRODUCT APPLICATION DETAILS

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

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

SALES SPECIFICATIONS

| | CHARACTERISTICS | METHODS |
|--|-------------------|----------|
| Solid content (125°C) | 59 - 61 % | ISO 3251 |
| Viscosity (Brookfield SC4-25/13R, 6.6s-1) (25°C) | 3100 - 4800 mPa.s | ISO 3219 |
| Color | 6 max Gardner | ISO 4630 |
| Acid value | 10 - 15 mg KOH/g | ISO 2114 |

OTHER CHARACTERISTICS¹

| | CHARACTERISTICS | METHODS |
|--------------------|-----------------|----------|
| Solvent | Xylene | - |
| Flash point | 27 °C | ISO 3679 |
| Density | 1.1 g/ml | ISO 2811 |
| Fatty acid type | Soya | - |
| Fatty acid content | 41 % | - |

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

SYNOLAC® 140 X 60

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 AND 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.

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

Headquarters: Arkema France
51, Esplanade du Général de Gaulle
92800 Puteaux – France
T +33 (0)1 49 00 80 80

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