

TECHNICAL DATA SHEET

SYNOLAC® 8035 X 60

Short Oil Alkyd

PRODUCT APPLICATION DETAILS

SYNOLAC® 8035 X 60 is a short oil alkyd resin for air drying topcoats with a good exterior durability, quick-drying sealers and low temperature baking primers and topcoats in combination with urea formol resins

SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content (125°C)	59 - 61 %	ISO 3251
Viscosity (20°C)	4000 - 6000 mPa.s	ISO 3219
Color	5 max Gardner	ISO 4630
Acid value	15 - 20 mg KOH/g	ISO 2114
Hydroxyl value	80 - 120 mg KOH/g	ISO 4629

OTHER CHARACTERISTICS¹

	CHARACTERISTICS	METHODS
Solvent	Xylene	-
Flash point	25 °C	ISO 3679
Density	0.99 g/ml	ISO 2811
Fatty acid type	Tall	-
Fatty acid content	35 %	-

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

PERFORMANCE BENEFITS

- Good compromise drying / gloss / hardness / flexibility
- Good wettability
- Air drying or oven curing with amino resins
- Persoz hardness greater than 170 swings after 3 days (film thickness 25µm)
- Good build

SYNOLAC® 8035 X 60

FORMULATION GUIDELINES

DRIERS

At a starting point, the recommended drier level could be:

Co (6%) 0.04

Zr (10%) 0.06

Ca (10%) 0.06 (expressed in grams of metal for every 100g of 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.

PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

STORAGE AND HANDLING

SYNOLAC® 8035 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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