

# SYNOLAC® 8035 X 60 (FORMERLY SYNOLAC® 6835 X 60)

GENERAL INDUSTRY

ARKEMA COATING RESINS

## 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

## 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

## Polymer Type

- Solventborne Alkyd

## Sales Specifications

Solid Content at 125°C, % (ISO 3251)	59 - 61
Viscosity at 20°C, mPa.s (ISO 3219)	4000 - 6000
Colour, Gardner scale (ISO 4630)	5 max
Acid value, mg KOH/g (ISO 2114)	15 - 20
Hydroxyl Value, mg KOH/g (ISO 4629)	80 - 120

## Other Characteristics<sup>1</sup>

Volatile	Xylene
Flash point, °C	25
Density / Specific Gravity at 20°C, g/ml	0.99
Type of fatty acid	Tall
Fatty Acid content, %	35

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

### 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.

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**Product Safety**

Please refer to the corresponding Safety Data Sheet.

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**Storage & 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 9 months from the shipping date

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