

SYNOLAC® 3636 BA 80

GENERAL INDUSTRY

ARKEMA COATING RESINS

Product Application details

SYNOLAC® 3636 BA 80 is a high solid saturated polyester resin, containing hydroxyl groups. SYNOLAC® 3636 BA 80 is recommended for two-component polyurethane varnishes and paints with excellent weather resistance, chemical resistance, high elasticity paints. It is suitable for automotive, general industry, aviation applications and for plasticizing 2 pack PU acrylic systems.

Polymer Type

- Solventborne Polyester

Sales Specifications

Solid Content at 125°C, % (ISO 3251)	78 - 82
Viscosity at 20°C, mPa.s (ISO 3219)	4000 - 6000
Colour, Gardner scale (ISO 4630)	1 max
Acid value, mg KOH/g (ISO 2114)	12 max

Other Characteristics¹

Volatile	Butyl acetate
Flash point, °C (ISO 3679)	26
Density / Specific Gravity at 20°C, g/ml	1.15
Hydroxyl Value, mg KOH/g	135 - 150

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

RECOMMENDATIONS FOR USE

Due to the slow rate of drying in systems based on SYNOLAC® 3636 BA 80 with aliphatic polyisocyanates, it is recommended to use in combination with polyester harder like SYNOLAC® 3645 PMA 65.

SOLUBILITY

SYNOLAC® 3636 BA 80 is soluble in esters, ketones and glycol ethers, partially soluble in aromatic hydrocarbons.

Xylene SC= 35%, aromatic hydrocarbons boiling range 155°C - 181°C SC = 42.5%, aromatic hydrocarbons boiling range 178°C - 209°C = 40%

SYNOLAC®

Product Safety

Please refer to the corresponding Safety Data Sheet.

Storage & Handling

SYNOLAC® 3636 BA 80 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 6 months from the shipping date

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The logo for ARKEMA, with the word in a bold, sans-serif font. The 'A', 'R', 'K', 'E', and 'M' are in dark blue, while the 'A' at the end is in green.