

TECHNICAL DATA SHEET

SYNOLAC® 3636 BA 80

Polyester polyol

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.

SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content (125°C)	78 - 82 %	ISO 3251
Viscosity (20°C)	4000 - 6000 mPa.s	ISO 3219
Color	1 max Gardner	ISO 4630
Acid value	12 max mg KOH/g	ISO 2114

OTHER CHARACTERISTICS¹

	CHARACTERISTICS	METHODS
Solvent	Butyl acetate	-
Flash point	26 °C	ISO 3679
Density	1.15 g/ml	-
Hydroxyl equivalent weight	135 - 150	-

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
 - Automotive - Refinish
 - General Industry

SYNOLAC® 3636 BA 80

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%

PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

STORAGE AND 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 from the shipping date.

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