

TECHNICAL DATA SHEET

SYNOLAC® 9653 ND 60

Oil free polyester

PRODUCT APPLICATION DETAILS

SYNOLAC® 9653 ND 60 is a oil free polyester for external can coating application and especially designed to achieve white base coat and clear OPV for metalgraphic

SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content (150°C)	58 - 62 %	ISO 3251
Viscosity (25°C)	10 000 - 14 000 mPa.s	ISO 3219
Color	3 max	ISO 4630
Acid value	10 max mg KOH/g	ISO 2114

OTHER CHARACTERISTICS¹

	CHARACTERISTICS	METHODS
Solvent	solvent Naphta 180°C - 200°C low naphtanlene content	-
Flash point	53 °C	ISO 3679
Density	1.07 g/ml	ISO 2811

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
 - Packaging Coating Metal (Can And Others)
 - Rigid Packaging Metal (Can & Others)

PERFORMANCE BENEFITS

- Good reactivity
- Good flexibility for deep drawing and hardness
- Good adhesion
- Good flow

SYNOLAC® 9653 ND 60

FORMULATION GUIDELINES

RECOMMENDATIONS FOR USE

SYNOLAC® 9653 ND 60 should be used with a suitable melamine or benzoguanamine resin in the ratio of 80:20 to 85:15 on solid resins. To improve curing, the use of 1 % of paratoluene sulphonic acid calculated on the total resin content is recommended.

The use of isocyanate is also recommended to improve flexibility.

SOLUBILITY

SYNOLAC® 9653 ND 60 is soluble in esters, ketones, glycol ethers and has a limited solubility in aromatic solvents. It is insoluble in alcohols.

COMPATIBILITY

SYNOLAC® 9653 ND 60 is compatible with hexamethoxymethyl-melamine and some melamines.

PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

STORAGE AND HANDLING

SYNOLAC® 9653 ND 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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