

TECHNICAL DATA SHEET

SYNOLAC® 153 ND 60

Oil free polyester

PRODUCT APPLICATION DETAILS

SYNOLAC® 153 ND 60 is an oil-free polyester.
SYNOLAC® 153 ND 60 is specially designed for use in metalgraphic and industrial enamels.

SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content (150°C)	58 - 62 %	ISO 3251
Viscosity (Brookfield SC4-25/13R, 6.6s-1) (25°C)	10000 - 14000 mPa.s	ISO 3219
Color	3 max Gardner	ISO 4630
Acid value	10 max mg KOH/g	ISO 2114

OTHER CHARACTERISTICS¹

	CHARACTERISTICS	METHODS
Solvent	Solvent Naphtha 180°C - 200°C low naphthalene content	-
Flash point	53 °C	ISO 3679
Density	1.06 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
 - Automotive - Refinish
 - Coil
 - General Industry
 - Packaging Coating Metal (Can And Others)
 - Rigid Packaging Metal (Can & Others)

PERFORMANCE BENEFITS

- Good adhesion
- Excellent flexibility
- Deep drawing properties
- Good performance in low bake cure

SYNOLAC® 153 ND 60

FORMULATION GUIDELINES

RECOMMENDATIONS FOR USE

SYNOLAC® 153 ND 60 should be used with a suitable melamine resin in the ratio of 80:20 to 85:15 on solid resins. To promote cure, the use of 2% of paratoluene sulphonic acid calculated on melamine solids is recommended.

SOLUBILITY

SYNOLAC® 153 ND 60 is soluble in esters, ketones, glycol ethers and has a limited solubility in aromatic solvents. It is insoluble in alcohols.

COMPATIBILITY

SYNOLAC® 153 ND 60 is compatible with hexamethoxymethyl-melamine and some melamines.

PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

STORAGE AND HANDLING

SYNOLAC® 153 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.

Headquarters: Arkema France
51, Esplanade du Général de Gaulle
92800 Puteaux – France
T +33 (0)1 49 00 80 80

Disclaimer - Please consult Arkema's disclaimer regarding the use of Arkema's products on <https://www.arkema.com/global/en/products/product-safety/disclaimer/> which is incorporated herein by reference and made a part hereof.

Arkema France, a French société anonyme registered at the Trade and Companies Register of Nanterre under the number 319 632 790

ARKEMA