

# SYNOLAC® 153 ND 60

COIL COATINGS / CAN COATINGS

ARKEMA COATING RESINS

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

## Performance Benefits

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

## Polymer Type

- Solventborne Polyester

## Sales Specifications

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

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

Volatile	Solvent Naphtha 180°C - 200°C low naphthalene content
Flash point, °C (ISO 3679)	53
Density / Specific Gravity at 25°C, g/ml (ISO 2811)	1.06

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

### 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.

SYNOLAC®

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**Product Safety**

Please refer to the corresponding Safety Data Sheet.

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**Storage & 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 6 months from the shipping date

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