

TECHNICAL DATA SHEET

SYNOLAC® 267 ND 60

Polyester modified

PRODUCT APPLICATION DETAILS

SYNOLAC® 267 ND 60 is an acrylic modified polyester resin.
SYNOLAC® 267 ND 60 is recommended for "wet-on-wet" overprint varnishes and metal decorating enamels with good standing mechanical processing properties.

SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content (135°C)	59 - 61 %	ASTM D-1259
Viscosity (Brookfield SC4-25/13R, 13.2s-1) (25°C)	2000 - 4500 mPa.s	ISO 3219
Color	2 max Gardner	ISO 4630
Acid value	12 max mg KOH/g	ISO 2114

OTHER CHARACTERISTICS¹

	CHARACTERISTICS	METHODS
Solvent	Solvent naphtha 180°C - 200°C low naphthalene content	-
Flash point	64 °C	ISO 3679
Density	1.07 g/ml	ISO 2811
Hydroxyl content	1.36 - 1.97 %	-

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)

PERFORMANCE BENEFITS

- Very good mechanical and chemical resistance
- Excellent resistance to sterilization processes
- Good exterior durability, and to the overbaking

SYNOLAC® 267 ND 60

FORMULATION GUIDELINES

SOLUBILITY

SYNOLAC® 267 ND 60 is soluble in aromatic hydrocarbons, esters, ketones, glycol ethers, methylene chloride, tetraline and 2 nitropropane and has a limited solubility in aliphatic hydrocarbons and alcohols.

COMPATIBILITY

SYNOLAC® 267 ND 60 is compatible with cardura resins, epoxy esters, hexamethoxymethylmelamine, benzoguanamine, nitrocellulose, vinylchloride resins, aldehyde resins, phthalate plasticizers and majority epoxy resins (Epikote™ Resin 1001 ⁽¹⁾ partially only), majority reactive melamine resins (Cymel® 370 ⁽²⁾ partially only) and with Neocryl® B-725 ⁽³⁾ (thermoplastic acrylic resin). It is partially compatible with acetobutyrate.

It is incompatible with saturated polyester, urea resins, majority isocyanate resins and with Paraloid™ B-44 ⁽⁴⁾ (thermoplastic acrylic resin).

Notes: ⁽¹⁾ Momentive, ⁽²⁾ Allnex, ⁽³⁾ DSM, ⁽⁴⁾ Dow

PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

STORAGE AND HANDLING

SYNOLAC® 267 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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