

SYNOLAC® 267 ND 60

CAN COATINGS

ARKEMA COATING RESINS

Product

SYNOLAC® 267 ND 60 is an acrylic modified polyester resin.

Application details

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

Performance Benefits

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

Polymer Type

- Solventborne Polyester

Sales Specifications

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

Other Characteristics¹

Volatile	Solvent naphtha 180°C - 200°C low naphthalene content
Flash point, °C (ISO 3679)	64
Density / Specific Gravity at 25°C, g/ml (ISO 2811)	1.07
Hydroxyl Content, %	1.36 - 1.97

Note: Acid value and/or Hydroxyl value quoted relative to solid resin

¹ The data provided for these properties are typical values, intended only as guides, and should not be construed as sales specifications

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) Cytec, (3) DSM, (4) Dow

Product Safety

Please refer to the corresponding Safety Data Sheet.

Storage & 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.
Under the above mentioned storage conditions the shelf life of the resin will be 6 months from the shipping date.

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See SDS for Health & Safety Considerations.

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For any use of Arkema's product in Medical Device applications, please contact Arkema's sales network.

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