

SYNOLAC® 9640 S 65

COIL COATINGS

ARKEMA COATING RESINS

Product Application details SYNOLAC® 9640 S 65 is a saturated polyester recommended for the formulation of chrome-free or chromated primers for coil coating applications.

Performance Benefits

- Good reactivity with amino resins
- Good adhesion to a variety of substrates (galvanised steel, aluminium and tinplate)
- Good flexibility
- Good hardness

Polymer Type

- Solventborne Polyester

Sales Specifications

Solid Content at 150°C, % (ISO 3251)	64 - 66
Viscosity at 25°C, mPa.s (Brookfield SC4-21/13R, 19s-1) (ISO 3219)	3000 - 4000
Colour, Gardner scale (ISO 4630)	4 max
Acid value, mg KOH/g (ISO 2114)	4 max

Other Characteristics¹

Volatile	Aromatic solvent (boiling range 155°C - 181°C) butyl glycol (68 : 32)
Flash point, °C (ISO 3679)	41
Density / Specific Gravity at 20°C, g/ml	1.08
Hydroxyl Value, mg KOH/g	20

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® 9640 S 65 has a limited solubility in aromatic hydrocarbons (boiling range 155°C - 181°C and boiling range 175°C - 215°C) and butyl glycol and good solubility in butyl glycol acetate and dibasic ester.

Product Safety

Please refer to the corresponding Safety Data Sheet.

Storage & Handling

SYNOLAC® 9640 S 65 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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