

SYNOLAC® 8002 DBA 80

GENERAL INDUSTRY

ARKEMA COATING RESINS

Product Application details SYNOLAC® 8002 DBA 80 is a low viscosity aromatic free short oil alkyd resin based on castor oil specially designed to be used in combination with amino resins for general purpose high solids and low VOC primers and enamels.

Performance Benefits

- High gloss
- High flexibility
- High mar resistance
- Good colour retention

Polymer Type

- Solventborne Alkyd

Sales Specifications

Solid Content at 125°C, % (ISO 3251)	79 - 81
Viscosity at 25°C, mPa.s (Brookfield SC4-25/13R, 6.6s-1) (ISO 3219)	5000 - 6000
Colour, Gardner scale (ISO 4630)	5 max
Acid value, mg KOH/g (ISO 2114)	10 - 25

Other Characteristics¹

Volatile	Butyl acetate
Flash point, °C (ISO 3679)	38
Density / Specific Gravity at 25°C, g/ml (ISO 2811)	1.07
Type of fatty acid	Castor oil
Fatty Acid content, %	40

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® 8002 DBA 80 is soluble in aromatic hydrocarbons, esters, ketones and glycol ethers.

COMPATIBILITY

SYNOLAC® 8002 DBA 80 is compatible with amino resins, short and medium oil alkyd resins, nitrocellulose and alkyd resins modified with styrene. It is partially compatible with long oil alkyd resins and drying oils.

Product Safety

Please refer to the corresponding Safety Data Sheet.

Storage & Handling

SYNOLAC® 8002 DBA 80 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 9 months from the shipping date

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Arkema Coating Resins

420, rue d'Estienne d'Orves

92705 Colombes Cedex - France

arkema.com - arkemacoatingresins.com

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