

COATING RESINS

TECHNICAL DATA

SYNOLAC 5006(70%)

SALES SPECIFICATION

Non-volatile content, % @ 150°C	68 - 72
Viscosity in CPS at 30°C (50%in Xylene) (By Brookfield Viscometer Spindle No. 4 @ RPM20)	800 - 1200
Colour, Gardner scale (ISO 4630)	≤ 5 Gardner
Acid value, mg KOH/g (ISO 3682)	≤20

OTHER PROPERTIES

Volatile	Xylene
Non-volatile content, % @ 150°C	70
Flash point, °C (ISO 3679)	28
Density at 20°C (ISO 2811)	0.98
Oil or Fatty Acid Type	Coconut
Oil Length in %	24%

Note –Acid Value quoted relative to solid resin

PRODUCT INFORMATION

SYNOLAC 5006(70%) SYNOLAC5006(70%) is a Short oil Alkyd resin which is based on Coconut oil and modified with Glycerol.

SYNOLAC5006(70%) is recommended to use in NC paints, lacquers and putty formulations. It is available in 70% solids. Particular advantages gained by using this resin include:

- Excellent Colour and colour retention.
- Excellent Gloss and gloss retention.
- Excellent hardness along with adequate flexibility.

SOLUBILITY:

SYNOLAC5006(70%) is soluble in aromatic hydrocarbons and ketones and esters. It doesn't have solubility in aliphatic solvents.

COMPATIBILITY : SYNOLAC5006(70%) is compatible with most short oil alkyd, amino resins, and Nitrocellulose resins.

USES:

This resin is used in all types of NC based paints, Lacquers NC putties.

SYNOLAC 5006(70%) should only be used in applications consistent with the above recommendations. Proposals to use the resin in other ways should be discussed with Cray Valley before any action is taken.