

COATING RESINS

TECHNICAL DATA

SYNOLAC 4005 (70%)

SALES SPECIFICATION

Non-volatile content, % @ 150°C	68 - 72
Viscosity in CPS at 25°C (50%in Mix Xylene)	300-600
Colour, Gardner scale (ISO 4630)	≤ 6 Gardner
Acid value, mg KOH/g (ISO 3682)	≤25

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	DCO
Oil Length	40%

Note –Acid Value quoted relative to solid resin

PRODUCT INFORMATION

SYNOLAC 4005(70%) SYNOLAC4005 (70%) is a Short oil Non oxidising Alkyd Resin which is made by DCO and modified with Glycerol. SYNOLAC4005(70%) is recommended to make stoving enamels. This resin can be use to make stoving enamels. It is also used for making Nitro cellulose Lacquers. It is available in 70% solids. Particular advantages gained by using this resin include:

- Excellent colour colour retention.
- Excellent Gloss and gloss retention.
- Excellent Non yellowing Properties.
- Good flexibility resin when used in automotive refinishing enamels.
- Advantage of High Solids and low viscosity.

Solubility:

SYNOLAC4005(70%) is soluble in aromatic hydrocarbons, ketones, esters and Butanol.

COMPATIBILITY : SYNOLAC4005(70%) is compatible with most short oil alkyds, amino resins and Nitro Cellulose resins.

USES:

This resin is used in industrial stoving enamels and lacquers. This resin can be used in metallising lacquers.

SYNOLAC 4005(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.