

# CRAY VALLEY

## COATING RESINS

### TECHNICAL DATA

### SYNOLAC 5007(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 )	500 - 700
Colour, Gardner scale (ISO 4630)	≤ 8 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	HCO
Oil Length in %	37%

Note –Acid Value quoted relative to solid resin

#### PRODUCT INFORMATION

**SYNOLAC 5007(70%)** SYNOLAC 5007(70%) is a Short oil Alkyd resin which is based on Non drying oil and which is modified with Glycerol.

SYNOLAC5007(70%) is recommended to use in NC paints, Lacquers and putty formulations. It is use as a plasticising alkyd in the formulations; available in 70% solids. Particular advantages gained by using this resin include:

- Excellent plasticising property
- Excellent Gloss and gloss retention.

#### USES:

This resin is used for industrial stoving paints and NC paints, lacquers. This resin can be used in a glossy good hardened wood coating varnishes.

**SYNOLAC 5007(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.

#### SOLUBILITY:

SYNOLAC5007(70%) is soluble in aromatic hydrocarbons and ketones esters. It doesn't have solubility in aliphatic hydro carbon solvents

**COMPATIBILITY** :SYNOLAC 5007(70%) is compatible with most short oil alkyd, amino resins, and Nitrocellulose resins.

#### RECOMMENDATIONS:

**SYNOLAC 5007(70%)** is compatible with a wide range of NC resins. For an optimum performance with respect to level of flexibility, hardness and impact resistance, a right combination of SYNOLAC 5007(70%) with NC Resin is required. Recommended ratio in the NC formulation is 10-20%.