

CRAY VALLEY

COATING RESINS

TECHNICAL DATA

SYNOLAC 27 X 55

SALES SPECIFICATION

Non-volatile content, % @ 150°C	53-57
Viscosity, 25°C, mPas (Brookfield Viscometer Spindle No.4 20RPM)	5000-7000
Maximum colour, Gardner scale (ISO 4630)	6
Acid value, mg KOH/g (ISO 3682)	15-25

OTHER PROPERTIES

Volatile	Xylene
Flash point, °C (ISO 3679)	24 (typical)
Density at 20°C (ISO 2811)	1.0
Type of fatty acid	Dehydrated castor
Fatty acid %	36

PRODUCT INFORMATION

SYNOLAC 27 X 55 is a short oil alkyd suitable for use in industrial air drying and stoving finishes. Rapid drying, good colour retention and good solvent and petrol resistance are particular characteristics of coatings based on this resin.

RECOMMENDATIONS FOR USE:

SYNOLAC 27 X 55 is recommended for use in industrial air drying primers and finishes. The good solvent and petrol resistance of coatings based on this resin make it suitable for use in agricultural paints, chassis blacks, machinery enamels, caravan paints and hammer finishes. In stoving systems, the addition of 5-10% of an amino resin is recommended.

SYNOLAC 27 X 55 should be only used in applications consistent with the above recommendations. Proposals to use the resin in alternative systems should be discussed with CRAY VALLEY before any action is taken.

COMPATIBILITY:

SYNOLAC 27 X 55 is compatible with most short and medium oil length alkyds, amino resins and nitrocellulose. It is incompatible with long oil alkyds and drying oils.

DRIERS:

For air drying gloss finishes, a suitable lead-free combination of driers for use with SYNOLAC 27 X 55 is 0.05% cobalt, 0.15% zirconium and 0.2% calcium calculated as metals on solid resin. Slight variations in the zirconium and calcium drier levels may be appropriate for particular paint systems.

SYNOLAC 27X (65%) 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.

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UPC80027

The information given herein must be read in conjunction with the relevant health and safety data. Starting point formulations and suggestions for use are given for guidance only and are made without warranty. This document should not be construed as permission or inducement to practise any invention by patent without the authority of the owner.

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