



CRESTAKYD[®] 10-0504

Long oil air drying alkyd

INTRODUCTION

CRESTAKYD 10-0504 is a long oil air drying alkyd based upon linoleic rich fatty acids, esterified with pentaerythritol and supplied at 100% solids for use in low VOC exterior paints and wood stains.

CHARACTERISTICS (Not to be taken as a specification)

Appearance		Clear, bit free
Solids content	%	100
Oil type		TOFA
Oil content	%	84
Acid value (base resin)	mg KOH g ⁻¹	12 max
Viscosity, 100%, Brookfield, Spindle 3, 20 rpm @ 25°C	mPa·s	3200
Colour	Gardner	6 max

APPLICATIONS

CRESTAKYD 10-0504 is recommended for the production of low VOC exterior paints and wood stains. It is also compatible with conventional long oil alkyds and thixotropic resins and can be used in combination to improve the solids of the resultant paint.

This resin has excellent penetration into wood combined with exceptional outdoor durability and is therefore recommended for wood stains and oils used for garden furniture. High levels of gloss and build, coupled with good colour retention make the resin ideally suited for exterior work.

Drier recommendation 0.5-0.7% zirconium, 0.05-0.07% cobalt and 0.1-0.2% calcium, calculated as metals on resin solids or suitable "combination driers."

Thinner recommendation: excellent tolerance to aliphatic hydrocarbon solvents.

PACKAGING

CRESTAKYD 10-0504 is supplied in drums. Bulk deliveries are by road tanker.

STORAGE

CRESTAKYD 10-0504 should be stored in the original, unopened and undamaged containers in a dry place at temperatures between 0°C and 30°C. Exposure to direct sunlight should be avoided.

HEALTH & SAFETY

Please see separate Material Safety Data Sheet.

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