

Long soybean alkyd resin economy

Description

ALK 3965 99 is an economical grade dark colour oxidising long oil modified polyester resin for air drying applications for darker shade paints.

Suggested uses

Dark Shade enamels

Compatibility

Stand oil	Compatible
Chlorinated rubber	Compatible
Red lead	Compatible
Zinc white	Compatible
Nitrocellulose	Incompatible
Isocyanate	Incompatible
Urea/melamine resin	Incompatible

Solubility / Thinnability

Aliphatic Hydrocarbons
 Aromatic Hydrocarbons
 Chlorinated Hydrocarbons
 Esters
 Ketones
 Glycol ethers and esters
 Insoluble in Alcohols

Performance

Good gloss and gloss retention
 Brushability and levelling
 Very good flexibility
 Good exterior durability

Stability

Under the above-mentioned storage conditions the Stability of the resin will be 24 months ex-work

ALK 3965 99 Typical Physical and Chemical Properties

Solvent	Mineral turpentine oil/ White Spirit
Oil Length in %	64
Acid Value (mg Koh/gm)Max.	10
Reducer	50% in M.T.O
Colour	Dark Brown
Viscosity 30 C Ford cup FCB4 Sec	160 - 180
Solid Contents in % , 120 C/1 Hr.	98 - 100

Drying time

0.5% lead ,0.05% cobalt and 0.1 % Calcium metal on solid resin basis @ 30 C In lead free systems use 0.2% - 0.6% of Zirconium can be used as an alternative to Lead.

Surface dry	2 - 3 hrs
Tack free	5 - 6 hrs
Hard dry	Overnight

Drying time is related to relative humidity and aromatic contents of MTO / White Spirit

Storage

It should be stored indoors in the original, unopened and undamaged containers in a dry Place at storage temperatures between 5°C&30°C. Exposure to sun shine should be avoided

Packing Codes

PAC 1000	Bulk tankers Mild steel
PAC 0011	Iso Tank
PAC 1011	Steel Closed head drums 200 Kgs net
PAC 5011	Second hand Steel Closed head drums 200 Kgs

* Special packing also available on request