

Medium oil Fatty Acid Alkyd Resin Economy

Description

ALK 3955 55 is Medium oil oxidising modified polyester resin for air drying applications. The colour of alkyd is dark brown.

Suggested uses

Low Cost industrial & architectural Paints
 Quick air drying metal primer & finishes
 Anti corrosion primers for metals
 Dark colour paints
 Low Cost air drying and stoving enamels
 Primers for auto finishes

Solubility / Thinnability

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

Performance

Good Drying
 Excellent Gloss
 Economy in use

Stability

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

ALK 3955 55 Typical Physical and Chemical Properties

Solvent	Mineral turpentine oil/ White Spirit
Oil Length in %	50
Acid Value (mg Koh/gm)Max.	15
Reducer	40 % in MTO/WS
Colour .	Dark Brown
Viscosity 30 C Ford cup FCB4 Sec	230 - 250
Solid Contents in % , 120 C/1 Hr.	54 - 56

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	4 - 5 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 1010	Steel Closed head drums 190 Kgs net
PAC 5010	Second hand Steel Closed head drums 190 Kgs

* Special packing also available on request