ALK 3072 99



Technical data she

INDUSTRIES PVT. LTD MPD

Page 1 of 1

Long Soybean Isophthalic Alkyd Resin

Description

ALK 3072 99 is an long soybean oil isophthalic acid modified polyester resin air drying applications.

Suggested uses

High Quality printing inks for paper and Tins Silk Screen Inks Web offset printing inks Heatset and Coldset Sheetfed offset inks Low Odor inks Metal deco inks (3 piece can, colours)

Solubility / Thinnability

Aliphatic Hydrocarbons Aromatic Hydrocarbons Vegetable Oils Esters **Ketones** Insoluble in Nitocellulose

Performance

Excellent Gloss **Excellent Drying** Excellent Flow and levelling properties Very good flexibility and good gloss retention Good Pigment wetting Good litho properties (water Balance) Fast setting Low odor and low yellowing

Stability

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

ALK 3072 99 **Typical Physical** and Chemical Properties

Oil Lenghth in %	70
Acid Value (mg Koh/gm)Max.	12
Reducer	50% in M.T.O
Colour in Gardner Scale Maximum.	8
Viscosity 30 C Ford cup FCB4 Sec	40 - 45
Solid Contents in % , 120 C/1 Hr.	98 - 100
Ethanol Number	5 - 10
Methanol Number	2 - 6
Appearance	Slight Hazy

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
Druing time is related	to relative humidity and are

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

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