

Technical data sheet

MPD

INDUSTRIES PVT. LTD

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Medium oil Mixed Fatty Acid Alkyd Resin

Description

ALK 3055 50 is Medium oil oxidising modified polyester resin for air drying applications.

Suggested uses

Low Cost industrial & architectural Paints Quick air drying metal primer & finishes

Anti corrosion primers for metals

Non Yellowing White enamels

Low Cost air drying and stoving enamels

Primers for auto finishes

Solubility / Thinnability

Aliphatic Hydrocarbons Aromatic Hydrocarbons Clorinated 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 3055 50 Typical Physical and Chemical Properties

Solvent Mineral turpentine

oil/ White Spirit

Oil Lenghth in % 50 Acid Value (mg Koh/gm)Max. 15

Reducer 40 % in MTO/WS

Colour in Gardner Scale Maximum. 8

Viscosity 30 C Ford cup FCB4 Sec 230 - 250 Solid Contents in % , 120 C/1 Hr. 49 - 51

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

Version 01

Date of issue:01/01/13

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Supersedes: ___

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