



REPLAKYD-540-52

TECHNICAL DATA SHEET

R-540 Rosinated Air Drying Alkyd (51% in M.T.)

PRODUCT DETAILS

Product Description : Rosinated Alkyd Resin Linseed Oil./Penta/Phthalic	Colour On G-Scale(40% in M.T.) 12 Max
Form Of Supply : As 50-52% Solution in M.T.	Clarity : Clear
Oil Length : 40%	Acid Value (mg of KOH / gm) : 30 Max
Solid Content (120°C / 1Hr.) : 51+/-1%	M.T.Tolerance: 1 : 10 Min
Viscosity @ 30°C (40% in MTO)	Finish on Hegmann gauge : 7 min
On FC/B4 : 200-240 Secs	

A drier combination of 0.05% Cobalt, 0.5% Lead and 0.05% Manganese (calculated on metal to solid resin content) is recommended for air drying paint system. Lead can be replaced by 0.2% Zirconium.

Surface Dry	:	1 Hr.Max
Tack Free Dry	:	4 Hrs
Hard Dry	:	24 Hrs.

SUGGESTED USES

1. Suitable for the air drying economy enamels, primers and undercoats.
2. Good Gloss and Levelling properties.
3. Good surface and thorough drying properties.

STORAGE

Storage stability of **R-540** at or below temperature 35°C packed in original container can withstand up to 12 months.

DILUTION

Soluble in xylene,toluene,n-butanol.
Infinite M.T.Tolerance
Insoluble in methyl and ethyl alcohols.

GENERAL PERFORMANCE

R-540 is a Rosinated, air drying alkyd for use in a wide range of cheaper enamels,primers for the machinery paints. It develops good gloss and the levelling properties. It is most suitable for the economy air drying paints where cost is one the major criteria.

PIGMENTS

The pigments should be inert (Inorganic/Organic) & moisture free to get better properties.