



REPLAKYD-536

TECHNICAL DATA SHEET

R-536 Chain Stopped Fast Air Drying Alkyd (55% in Xylene.)

PRODUCT DETAILS

Product Description :	Colour On G-Scale(As Such) :
Chain Stopped Alkyd Resin Based On Semi Drying F.A. / Penta / Phthalic	7 Max
Form Of Supply :	Clarity :
As 55% Solution in Xylene	Clear
Oil Length :	Acid Value (mg of KOH / gm) :
27%	15 Max
Solid Content (120°C / 1Hr.) :	Hydroxyl Value(mgms of KOH/gm) :
55 ± 2%	100 ± 15
Viscosity @ 25°C as such on G-Scale	Finish on Hegmann gauge :
34-63 Ps	7 min
	Xylene tolerance :
	Infinite

A drier combination of 0.05% Cobalt, 0.5% Lead and 0.1% Calcium (calculated on metal based on solid resin content) is recommended for air drying paint system. Lead can be replaced by 0.2% Zirconium.

Surface Dry	:	5 Mts.
Tack Free Dry	:	30-50 Mts
Hard Dry	:	O/N

SUGGESTED USES

1. Suitable for the Fast air drying vehicle refinishing and the machinery paints.
2. Exceptional film build up, gloss and colour retention.
3. Good surface and thorough drying properties.

STORAGE

Storage stability of **R-536** at or below temperature 35°C packed in original container can withstand up to 12 months.

DILUTION

Soluble in xylene, toluene, n-butanol.
No M.T. Tolerance
Insoluble in methyl and ethyl alcohols.

GENERAL PERFORMANCE

R-536 is a chain stopped, fast drying alkyd for use in a wide range of vehicle refinishing applications and the machinery paints. It will give good gloss and the non yellowing properties. It is most suitable for the white and the light shades of the fast air drying enamels. Incompatible with the Long and Medium Oil length Alkyds

PIGMENTS

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