



REPLAKYD-593-55

TECHNICAL DATA SHEET

R-593-55 is an acrylated alkyd based on the mixed Fatty Acids with high degree of Acrylation to the 1:1 proportion of Alkyds Solids to the Acrylic Monomers. The salient features of this alkyd are :-

- Quick drying and good through Hardness without using any Driers.
- Excellent Gloss.
- Excellent water & chemical resistance.
- Good Flexibility.
- Excellent Medium for the Low Bake Coatings.

SPECIFICATION

Form Of Supply :

55% in Xylene

Colour On G-Scale(As Such) :

6 Max

Clarity :

Clear

Viscosity @ 25°C on G-Scale

12.9 to 22.7 Ps

% Non-Volatiles @ 120°C / 1Hr.:

55 ± 1 %

Acid Value :

15 Max

Xylene tolerance :

Infinit

Finish on Hegmann gauge :

7min

Presence of any bits on spreading

40% sol in xyl on glass plate

Should be absent

Air Drying Properties :

DFT – Around 30 microns, Driers :- Nil.

Surface Dry : 5 mts.

Tack Free Dry : 20 mts.Max

Hard Dry : 3 – 4 Hrs.

STORAGE

Storage stability of **R-593-55** at or below temperature 35°C packed in original container can withstand up to 12 months.

SOLUBILITY

R-593-55 is Soluble in Xylene, Toluene and other Aromatic Solvents, Esters & Ketones.

RECOMMENDED APPLICATIONS

Quick drying Industrial Enamels and Machinery Paints where Quick Drying and rapid hardness development are the main criteria.