



REPLAKYD-523

TECHNICAL DATA SHEET

R-523 Short D.C.O. Stoving Alkyd (70% in Xylene.)

PRODUCT DETAILS

Product Description :

Short D.C.O. Stoving Alkyd Resin
Based On D.C.O./Gly/Phthalic

Form Of Supply :

As 70% Solution in Xylene

Oil Length :

38%

Solid Content (120degC / 1Hr.) :

68 - 70 %

**Viscosity @ 30°C (50% in Xylene)
on G-Scale**

6.27-8.84 Ps

Colour On G-Scale(50% in Xylene) :

7 Max

Clarity :

Clear

Acid Value (mg of KOH / gm) :

20 Max

Hydroxyl Value(mgms of KOH/gm) :

110-120

Xylene tolerance :

Infinite

Stoving Properties :

Good Gloss, Hard Dry Film

Stoving with

Butylated Amino Resins(M.F) :
Alkyd :

Amino: 80:20 on solid basis

Stoving Schedule :

120°C/30mts

STORAGE

Storage stability of **R-523** at or below temperature 35°C packed in original container can withstand up to 12 months.

DILUTION

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

GENERAL PERFORMANCE

R-523 is a Short D.C.O. Alkyd most suitable for the economy stoving paints where good gloss and gloss retention, leveling, Hardness and Chemical resistance on stoving is desired.

PIGMENTS

Storage stability of **R-523** at or below temperature 35°C packed in original container can withstand up to 12 months.

SUGGESTED USES

- 1) Stoving enamels in combination with the Butylated Amino Resins. Ratio of Alkyd to Amino varies against the requirement of Hardness, Flexibility and the chemical resistance desired.
- 2) Not recommended for the White and Light shade stoving enamels.