



## REPLOXY-5491

### TECHNICAL DATA SHEET

**R-5491** Epoxy Ester Resin

#### PRODUCT DETAILS

**Product Description :**

Epoxy Ester Resin

**Form Of Supply :**

55% Solution in Xylene

**Clarity :**

Clear

**Solid Content (120°C / 1Hr.) :**

55±1%

**Viscosity @ 30°C on G-Scale**

( 50% Solution in

O-Xylene)

6.27—12.9 PS

**Colour On G-Scale :**

5 Max

**Acid Value(MgmsKOH/Gm) :**

7max

**O-Xylene Tolerance :**

1:8 Minimum

**Specific Gravity @25°C :**

1.05±0.02

#### STORAGE

Storage stability of **R-5491** at or below temperature 35°C packed in original container can withstand upto 12 months.

#### SOLUBILITY

**R-5491** is soluble in aromatic hydrocarbons, esters, glycol ethers, higher alcohols and ketones. Insoluble in aliphatic hydrocarbons and lower alcoholss.

#### SUGGESTED USES

Air drying as well as baking chemical resistant finishes for the house hold appliances , furniture, industrial maintenance etc.

This resin will find application in metal decoration viz, crown cap overprint varnish as well as aluminum collapsible tube white enamels.

Since this resin is supplied xylene, for both these applications incorporation of high boiling solvents such as Aromax/D.A.A. in the final formulation is necessary in metal coatings.