



REPLAKRYL-952

TECHNICAL DATA SHEET

R-952 is acrylic polyol used for pigmented topcoat and clear coat for interior and exterior coatings. R-952 offers excellent adhesion on ferrous and non-ferrous substrate like Aluminium, Brass, Copper, Tin and glass substrate etc.

SALIENT FEATURES OF THIS ACRYLIC RESIN ARE

Excellent Color
Excellent Adhesion
Excellent gloss and D.O.I .
Excellent gloss retention
Excellent mechanical and chemical resistance.
Good water resistance
Good UV resistance
Good corrosion resistance

GENERAL CHARACTERISTICS

Form of supply

Xylene:Bu-Acetate

Color on 'G' Scale

1 Max.

Clarity

Clear

Viscosity at 25°C. on 'G' Scale(as such)

7-17 Ps

%Non Volatiles at 150°C./30mts.

55 ± 2 %

Hydroxyl Value 9mg KOH/gm)

60 - 70

Acid Value (mg, KOH/gm)

15 Max.

STORAGE

At temperatures up to 25 °C storage stability packed in original containers amounts up to 12 months. Upon long term exposure to temperatures below 10°C , **R-952** may get cloudy and may show some crystallization.

SOLUBILITY

R-952 is soluble in aromatic hydrocarbons, esters and ketones. The resin has limited solubility in aliphatic hydrocarbons and alcohols.

COMPATIBILITY

R-952 compatible with variety of film formers viz cellulose ester, vinyl resin, resin, and CAB.

RECOMMENDATIONS FOR USE

R-952 is recommended for clear or pigmented coatings for following application.

- Metal, Copper and Aluminium Substrate etc
- Metallising over lacquers
- Automotive topcoat
- For good exterior durability
- U.V. protection and scratch resistance for polycarbonate glazing