



REPLAKRYL-963

TECHNICAL DATA SHEET

R-963 is a acrylic polyol used for topcoat and pigmented coat for auto refinsh and for industrial coating application.

SALIENT FEATURES OF THIS ACRYLIC RESIN ARE

Excellent Color
Excellent gloss.
Excellent gloss retention
Excellent mechanical and chemical resistance.
Excellent UV resistance

GENERAL CHARACTERISTICS

Form of supply

Xylene:Bu-Acetate

Color on 'G' Scale

1 Max.

Clarity

Clear

Viscosity of 60% at 25°C. on 'G' Scale

27 - 63 Ps

%Non Volatiles at 150°C./30mts.

60 ± 2 %

Hydroxyl Value

90 - 100

Acid Value (mg, KOH/gm)

12 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-963** may get cloudy and may show some crystallization.

SOLUBILITY

R-963 is soluble in aromatic hydrocarbons, esters and ketones. The resin has limited solubility in aliphatic hydrocarbons and alcohols.

COMPATIBILITY

R-963 compatible with variety of film formers viz cellulose ester, vinyl resin, and compatible with CAB 531-1, 551-0.2 grade and not with 381-20.

RECOMMENDATIONS FOR USE

R-963 is recommended for clear or pigmented coatings for following application

- Metal Coating
- Metallising over lacquers
- Aircraft interior coatings
- For good exterior durability
- U. V. protection and scratch resistance for polycarbonate glazing