

Tacryl TR-704 XB is a thermosetting acrylamide acrylic resin specially designed as stoving enamels for domestic appliances.

TYPICAL PROPERTIES

- Appearance Clear liquid
- Type Self Cross-linkable at 150°C
- Solvent Xylene/Normal butanol(1:1)
- Solubility Soluble in:
 - Aromatic hydrocarbons
 - Esters & Ketones
 - Glycol ethers
 Insoluble in:
 - Some of the alcohols
 - Some of the aliphatic hydrocarbons
- Color Hazen(APHA)(ASTM D-1209) <50
Gardner(ASTM D-1544) <1
- Solids%(ASTM D-1259) 50±1
- Acid value(mg KOH/g)(ASTM D-1639) 10-16
- Viscosity at 25°C (cP)(ASTM D-562) 600-1000
- Density at 25°C(g/ml)(ASTM D-1475) 0.96
- Flash point(°C)(ASTM D-93) 27

FILM PROPERTIES

- Flexible
- Excellent detergent and alkaline resistance
- Very good adhesion on metals
- High gloss

RECOMMENDATIONS FOR END-USE

- Although it can be used alone but addition of 3-5 % of epoxy resin improves most of its properties.
- Domestic appliances coatings.

FORMULATING GUIDELINES

- Baking should be made at 150°C for 30 minutes.
- Compatibility with other resins and solvents should be checked before to use.
- See our guide formulation for specific information.

STORAGE

- Should be stored indoors in sealed containers at storage temperature between 5°C to 35°C for a maximum 12 months.

The information contained herein is correct and reliable to the best of our knowledge. The recommendations or suggestions contained in this bulletin are made without guarantee, as conditions and methods of use of our products are beyond our control. We suggest that you evaluate these recommendations in your own laboratory prior to use.