

Tacryl TP-44 is a hard thermoplastic pure acrylic resin which is specially designed for plastic coatings.

TYPICAL PROPERTIES

- Appearance Colorless transparent liquid
- Type Thermoplastic acrylic resins solution
- Solvent Xylene
- Solubility Soluble in:
 - Some of aromatic hydrocarbons
 - Esters & Ketones
 - Some of the glycol ethers
 Insoluble in:
 - Alcohols
 - Aliphatic hydrocarbons
- Color Hazen(APHA)(ASTM D-1209) <50
Gardner(ASTM D-1544) <1
- Solids%(ASTM D-1259) 45±1
- Acid value(mg KOH/g)(ASTM D-1639) <10
- Tg(°C) +60
- Viscosity at 25°C (cP)(ASTM D-562) 2000-3000
- Density at 25°C(g/ml)(ASTM D-1475) 0.98
- Flash point(°C)(ASTM D-93) 24

FILM PROPERTIES

- Very fast drying and excellent adhesion on some of the plastics
- Good hardness and scratch resistance
- Good humidity and heat resistance
- Hydro carbonic and alcoholic solvent resistance

RECOMMENDATIONS FOR END-USE

- General applicants specially proper plastic coatings for PVC, ABS, HIPS, Noryl and PC.

FORMULATING GUIDELINES

- Force drying in maximum 30 minutes at 50°C is sufficiently, however it could be dried at ambient condition as well.
- See our guide formulation for specific information.

STORAGE

- Should be stored indoors in sealed containers for a maximum 24 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.