Taak Resin

TACRYL TP-45

Tacryl TP-45 is a hard thermoplastic pure acrylic resin especially designed for plastic coatings.

TYPICAL PROPERTIES

- Appearance: Clear 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)*	<80
	Gardner*(ASTM D-1544)*	<1
Solids(%)*(ASTM D-1259)*		45±1
Acid value(mg KOH/g)*(ASTM D-1639)*		<10
Tg(°C)		+106
Viscosity at 25°C (cP)*(ASTM D-562)*		3000-7000
Density at 25°C(g/ml)*(ASTM D-1475)*		0.98
Flash point(°C)*(ASTM D-93)*		24

FILM PROPERTIES

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

RECOMMENDATIONS FOR END-USE

- Top coat of some plastic substrates such as ABS, HIPS, Noryl and PC, e.g coatings for electronic equipment housing.

FORMULATING GUIDELINES

- Baking should be made for maximum 30 minutes at 50°C.
- See our guide formulation for specific information.

STORAGE

- Should be stored indoors in sealed containers for a maximum 24 months.
- Whithout observing any changes in properties, this resin could sometimes be slightly translucent.

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.