

Tacryl TR-1388 is a thermosetting acrylic resin with hydroxylic functionality designed for stoving paints.

TYPICAL PROPERTIES

● Appearance	Clear liquid
● Type	Self Cross-linkable at 150°C
● Solvent	Xylene/Normal butanol(1:1)
● Solubility	Soluble in: <ul style="list-style-type: none"> ○ Aromatic hydrocarbons ○ Some of the aliphatic hydrocarbons ○ Esters & Ketones ○ Glycol ethers Insoluble in: <ul style="list-style-type: none"> ○ Ethers & Some of the alcohols
● Color	Hazen(APHA)(ASTM D-1209) <100 Gardner(ASTM D-1544) <1
● Solids(%) <i>(ASTM D-1259)</i>	44±1
● Acid value(mg KOH/g) <i>(ASTM D-1639)</i>	17-22
● Viscosity at 25°C (cP) <i>(ASTM D-562)</i>	800-1800
● Density at 25°C(g/ml) <i>(ASTM D-1475)</i>	0.96
● Flash point(°C) <i>(ASTM D-93)</i>	24

FILM PROPERTIES

- High gloss and hardness in a single coat.
- Excellent gloss and impact resistance if it has been applied with epoxy resins.
- Excellent resistance to stains, chemicals, detergents and solvents.
- Excellent adhesion to metal substrates.

RECOMMENDATIONS FOR END-USE

- Enamels for household appliances and weather resistant coatings
- Coatings for cookers, ovens, stoves and furnaces
- Can coatings

FORMULATING GUIDELINES

- Baking should be made for 30 minutes at 150°C.
- Full compatibility with plasticizers
- Add 5 % of a suitable epoxy resin to improve adhesion and impact resistance
- 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 6 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.