

Tacryl 1210 N is a hydroxyl functional acrylic resin designed for crosslinking with polyisocyanates, specially used in automotive refinishes such as paints and clear coats.

TYPICAL PROPERTIES

- Appearance Clear liquid
- Type With Polyisocyanates Cross-Linkable
- Solvent Xylene/MPA(1:1)
- Solubility Soluble in:
 - Ketones & Esters
 - Glycol ethers
 Insoluble in:
 - Aliphatic hydrocarbons
- Color Hazen(APHA)(ASTM D-1209) <70
Gardner(ASTM D-1544) <1
- Solids%(ASTM D-1259) 60±1
- Acid value(mg KOH/g)(ASTM D-1639) 5-10
- Hydroxyl content%(ASTM D-4274) 4.5
- Viscosity at 25°C (cP)(ASTM D-562) 2500-5000
- Density at 25°C(g/ml)(ASTM D-1475) 1.03
- Flash point(°C)(ASTM D-93) 24

FILM PROPERTIES

- Excellent mechanical properties
- Superior outdoor stability
- Very good chemical resistance
- Excellent gloss

RECOMMENDATIONS FOR END-USE

- The principal application is in producing automotive refinishes as top coats and clear coats.

FORMULATING GUIDELINES

- In combination with aliphatic polyisocyanates at ambient temperature drying or forced drying.
- Coatings reach to their optimum properties after 10 to 12 days, but it forced dried 30 minutes at 80°C is sufficient for curing.
- See our guide formulation for specific information.
- Should be avoided using alcohol and glycol solvents.

STORAGE

- Should be kept in sealed containers at temperature not exceeding 35°C and well ventilated area for a maximum 12 month.

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.