

ACRYL 1220 B

Acryl 1220 B is a hydroxyl functional acrylic resin designed for crosslinking with polyisocyanates, specially used in clear coat and paint for automotive refinishes and durable high performance exterior coatings.

TYPICAL PROPERTIES

- Appearance Clear liquid
- Type With Polyisocyanates Cross-Linkable
- Solvent Butyl acetate
- Solubility Soluble in:
 - Ketones & Esters
 - Aromatic hydrocarbons
 Insoluble in:
 - Aliphatic hydrocarbons
- Color Hazen(APHA)(ASTM D-1209) <50
Gardner(ASTM D-1544) <1
- Solids%(ASTM D-1259) 65±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) 4000-6000
- Density at 25°C(g/ml)(ASTM D-1475) 1.02
- 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 solvent.

STORAGE

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

This document is prepared by SRC INTERNATIONAL authorized person. For more information please visit www.srcinterlog.com

