

Lord Adhesives 305 General Purpose, Medium Viscosity Epoxy Adhesive

Category : Polymer , Adhesive , Thermoset , Epoxy , Epoxy Adhesive

Material Notes:

Lord Epoxy Adhesives Lord® Epoxy Adhesives create superior bonds for rubber, SMC, plastics and metals. Our epoxy adhesives are widely used in the automotive industry, over 10 million cars and light- and heavy-duty trucks feature body panels bonded with Lord Epoxy Adhesives. Key benefits are:

- High Strength Bonds:** Their load-bearing properties are equal to, or exceed, many of the substrates they bond.
- Excellent Environmental and Chemical Resistance:** They resist the effects of dilute acids, alkalis, solvents, greases, oils, moisture, sunlight, and weathering. Lord Epoxy Adhesives provide optimal performance in service temperatures up to 400°F (204°C).
- Improved Aesthetics for Bonded Assemblies:** Lord Epoxy adhesives eliminate the distortion, discoloration and surface marring common to mechanical fastening methods such as screw heads, bolts, and welds.
- Uniform contact between substrates:** They fill irregular contours, ensuring uniform contact where substrate surfaces do not mate--critical to many combinations of wood, fabric, rubber, ceramic, glass and foams.
- Flexible Cure Rates:** They cure at room temperature or elevated temperature (which provides the highest possible bond strength and impact resistance).
- Low shrinkage and good creep properties.** 100% solids formulation to meet VOC regulation.

Lord Adhesives 305 General Purpose, Medium Viscosity Epoxy Adhesive Mix Ratio by Volume = 1:1 Viscosity, Density, and Flashpoint Data given for Resin only (not mixed) Typical Use: General purpose for bonding to many types of natural and synthetic rubber, prepared metals, ceramic and wood.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lord-Adhesives-305-General-Purpose-Medium-Viscosity-Epoxy-Adhesive.php

Physical Properties	Metric	English	Comments
Density	1.16 g/cc	0.0420 lb/in ³	
Viscosity	10000 - 18000 cP	10000 - 18000 cP	

Thermal Properties	Metric	English	Comments
Flash Point	93.0 °C	199 °F	

Processing Properties	Metric	English	Comments
Cure Time	480 min	8.00 hour	
Pot Life	60 - 120 min	60 - 120 min	Time before parts must be mated

Descriptive Properties	Value	Comments
Color	Blue	

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