

Resinlab® RC8003 Anaerobic Retaining Compound

Category : Polymer , Adhesive

Material Notes:

The RC 8000 Series anaerobic retaining compounds are designed for use in demanding applications to fill the spaces and surface irregularities between tightly mated cylindrical parts. These products form a tough permanent bond which greatly enhances the torque and pullout strength. They are single component solvent free materials manufactured in a wide variety of viscosities and setting times to satisfy specific bonding applications. This technology increases the reliability and performance of assemblies while reducing dependence upon maintaining costly tight machining tolerances. Information Provided by Resinlab L.L.C., an Ellsworth Adhesives Company.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Resinlab-RC8003-Anaerobic-Retaining-Compound.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.10 g/cc	1.10 g/cc	
Viscosity	125 cP	125 cP	

Mechanical Properties	Metric	English	Comments
Shear Strength	26.2 MPa	3800 psi	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	350 °C	662 °F	
Minimum Service Temperature, Air	-65.0 °C	-85.0 °F	

Processing Properties	Metric	English	Comments
Cure Time	10.0 min	0.167 hour	Fixture
	480 min	8.00 hour	Full Cure

Descriptive Properties	Value	Comments
Color	Green	
Gap Fill (mil)	5	

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