

Resinlab® TL5021 Anaerobic Threadlocking Compound

Category : Polymer , Adhesive

Material Notes:

The TL5000 Series anaerobic threadlocking compounds are designed for use in demanding applications to fill the spaces and surface irregularities between tightly mated cylindrical parts. They form a tough permanent bonds which greatly enhances the torque and pullout strength. These products are highly resistant to heat, corrosion, vibration, water gases, oils and many other chemicals. They are single component solvent free materials manufactured in a wide variety of viscosities 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-TL5021-Anaerobic-Threadlocking-Compound.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.08 g/cc	1.08 g/cc	
Viscosity	200 cP	200 cP	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	350 °C	662 °F	
Minimum Service Temperature, Air	-60.0 °C	-76.0 °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	Violet	
Thixotropy	Low	
Torque (ft*lbs)	25	Prevailing Torque
	40	Breakaway Torque

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