Resinlab® CYNERGY CA6703 Adhesive

Category : Polymer , Adhesive , Thermoset , Acrylic/Cyanoacrylate Adhesive

Material Notes:

Description: The CYNERGY 6700 SERIES are modified to provide greatly reduced odor and a further reduction of bloom or frosting of plastics when compared to the 6600 Series. These products are ideal for bonding dissimilar materials with excellent performance on a wide range of surfaces. They also reduce the need for extensive ventilation equipment.Application: The CYNERGY SERIES of the cyanoacrylates should be applied in small amounts to one surface only. The parts should then be mated together under slight pressure. This causes the adhesive to spread out into a thin film and assures optimum adhesive performance. The pressure need only be applied for several seconds. The CYNERGY SERIES cures rapidly allowing for bonded parts to be handled within 10 to 60 seconds for most applications. Full cure is normally within 24 hours.Information Provided by Resinlab L.L.C., an Ellsworth Adhesives Company.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Resinlab-CYNERGY-CA6703-Adhesive.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.05 g/cc	1.05 g/cc	
Viscosity	500 cP	500 cP	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	12.4 MPa	1800 psi	
Adhesive Bond Strength	20.0 MPa	2900 psi	Steel lap shear

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	93.3 °C	200 °F	
Minimum Service Temperature, Air	-53.9 °C	-65.0 °F	

Processing Properties	Metric	English	Comments
Cure Time	>= 0.333 min	>= 0.00556 hour	Fixture
	480 min	8.00 hour	Full cure

Descriptive Properties		Value	Comments
Base		Modified	
Color		Clear	
Gap Fill (mil)		6	

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