

## Resinlab® CYNERGY CA6105 Adhesive

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

### Material Notes:

**Description:** The CYNERGY 6100 SERIES products are used to bond metal to itself or other substrates. It is available in five standard viscosities. **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-CA6105-Adhesive.php](http://www.lookpolymers.com/polymer_Resinlab-CYNERGY-CA6105-Adhesive.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.09 g/cc	1.09 g/cc	
Viscosity	2000 cP	2000 cP	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	19.3 MPa	2800 psi	
Adhesive Bond Strength	27.6 MPa	4000 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	>= 0.167 min	>= 0.00278 hour	Fixture
	480 min	8.00 hour	Full cure

Descriptive Properties	Value	Comments
Base	Methyl	
Color	UV tracer	
Gap Fill (mil)	8	

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