

Loctite® 493 General Purpose Methyl Cyanoacrylate Bonding Adhesive

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

Material Notes:

Cyanoacrylate Bonding Adhesives Loctite® technology has made the productivity promises of cyanoacrylate adhesives a reality with the industry's widest selection of high-performance, application-specific, instant adhesives. Loctite® Instant Adhesives are available in a variety of viscosities, cure speeds, gap-filling capability and substrate compatibility. The ultra high-performance PRISM® family offers additional products that surpass the most stringent demands, including toughened formulations, low odor and low blooming products, surface insensitive and thermally resistant formulations. Loctite® 493 General Purpose Methyl Cyanoacrylate Bonding Adhesive Bonding Type: Cyanoacrylate Commercial item std. A-A-3097 Type I, Class 1 Typical Use: Wicking type metal bonder

Order this product through the following link:

http://www.lookpolymers.com/polymer_Loctite-493-General-Purpose-MethylCyanoacrylate-Bonding-Adhesive.php

Physical Properties	Metric	English	Comments
Density	1.09 g/cc	0.0394 lb/in ³	
Viscosity	2.0 cP	2.0 cP	

Mechanical Properties	Metric	English	Comments
Adhesive Bond Strength	24.8 MPa	3600 psi	Grit blasted steel

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	82.2 °C	180 °F	
Minimum Service Temperature, Air	-53.9 °C	-65.0 °F	

Processing Properties	Metric	English	Comments
Cure Time	0.500 min	0.00833 hour	
	1440 min	24.0 hour	Full Cure; Varies with substrates

Descriptive Properties	Value	Comments
Color	Clear	
Gap Fill	0.002 in.	

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