

## Loctite® 422 General Purpose Ethyl 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® 422 General Purpose Ethyl Cyanoacrylate Bonding Adhesive Bonding Type: Cyanoacrylate Commercial item std. A-A-3097 Type II, Class 3 Typical Use: Gap filling plastic bonder

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Loctite-422-General-Purpose-EthylCyanoacrylate-Bonding-Adhesive.php](http://www.lookpolymers.com/polymer_Loctite-422-General-Purpose-EthylCyanoacrylate-Bonding-Adhesive.php)

Physical Properties	Metric	English	Comments
Density	1.09 g/cc	0.0394 lb/in <sup>3</sup>	
Viscosity	2500 cP	2500 cP	

Mechanical Properties	Metric	English	Comments
Adhesive Bond Strength	22.1 MPa	3200 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	0.008 in.	

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