

Permabond 262 Cyanoacrylate

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

Material Notes:

PERMABOND 262 is a low viscosity cyanoacrylate ideal for wicking type application. PERMABOND 262 provides faster set times and improved gap-filling capability compared to conventional cyanoacrylates. The adhesive bonds to a wide range of substrates including metals, ceramics, plastics and elastomers. It is excellent for bonding difficult-to-bond plastics such as polyacetals. Features and Benefits: Instant Setting Improved Gap Filling Faster Strength Development Improved Bonding to Difficult Surfaces High Shear Strength Easy to Apply One Part System Typical Applications Rubber Bonding Bonding of passivated metals Soluble in Nitroethane, Methyl Ethyl Ketone, Acetone Information provided by Permabond.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Permabond-262-Cyanoacrylate.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.05 g/cc	1.05 g/cc	Uncured
Viscosity	80 cP @Temperature 25.0 °C	80 cP @Temperature 77.0 °F	Uncured
Storage Temperature	2.00 - 7.00 °C	35.6 - 44.6 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	85	85	
Adhesive Bond Strength	8.30 MPa	1200 psi	Aluminum, Shear
	20.0 MPa	2900 psi	Grit blasted Steel, Shear
Impact	6.3 - 14.7	6.3 - 14.7	kJ/m^2 Adhesive Impact Strength; ASTM D950

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	82.0 °C	180 °F	
Minimum Service Temperature, Air	-60.0 °C	-76.0 °F	
Flash Point	83.0 °C	181 °F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	9.84 kV/mm	250 kV/in	

Processing Properties	Metric	English	Comments
Cure Time	0.167 min	0.00278 hour	Steel, set time

Processing Properties	Metric 0.167 min	English 0.00278 hour	Comments Buna N Rubber, set time
	0.167 min	0.00278 hour	Phenolic, set time
	1440 min @Temperature 25.0 °C	24.0 hour @Temperature 77.0 °F	full strength
Shelf Life	12.0 Month	12.0 Month	

Descriptive Properties	Value	Comments
Appearance	Colorless	Uncured
Maximum Gap Fill (mm)	0.15	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China