

Permabond 798 Cyanoacrylate, Surface insensitive

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

Material Notes:

PERMABOND 798 is a high viscosity cyanoacrylate that combines fast cure with the ability to cure through a large gap. Plastics, Metals, Ceramics and elastomers are also rapidly bonded. The fast cure minimizes the occurrence of frosting and fogging. This adhesive is particularly well suited for use on porous substrates, since it fixtures before wicking into the surface pores. Cyanoacrylate adhesives are single component adhesives that polymerize rapidly when pressed into a thin film between parts. The moisture adsorbed on the surface initiates the curing of the adhesive. Strong bonds are developed extremely fast and on a great variety of materials. These properties make PERMABOND cyanoacrylates the ideal adhesives for high speed production lines. Features & Benefits: Extremely Fast Setting Rapid cure through large gaps Surface insensitive cures rapidly on most surfaces Easy to apply and dispense 100% reactive, no solvents Typical Applications: Rubber Bonding Model Assembly Jewelry Assembly Ceramics Bonding Wood Bonding Speaker Bonding Fabric and leather bonding Soluble In Nitroethane, Methyl Ethyl Ketone, Acetone Information provided by Permabond.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Permabond-798-Cyanoacrylate-Surface-insensitive.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.08 g/cc	1.08 g/cc	Uncured
Viscosity	2000 cP	2000 cP	Uncured
	@Temperature 25.0 °C	@Temperature 77.0 °F	
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	21.0 MPa	3050 psi	Grit-blasted Steel, Shear

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	82.0 °C	180 °F	
Minimum Service Temperature, Air	-54.0 °C	-65.2 °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	0.100 min	0.00167 hour	Steel, set time

Processing Properties	Metric min	English hour	Comments
	0.100 min	0.00167 hour	Phenolic, set time
	1440 min	24.0 hour	full strength
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Shelf Life	12.0 Month	12.0 Month	

Descriptive Properties	Value	Comments
Appearance	Colorless	Uncured
Maximum Gap Fill (mm)	0.43	

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