

Palm Labs Adhesives Turbo Fuse Series 110SI Surface Insensitive (20 Viscosity) Rapid Bonding Adhesive

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

Material Notes:

Palm Lab's cyanoacrylate is a one component rapid bonding adhesive. TURBO FUSE SERIES 110SI SURFACE INSENSITIVE advanced formula is designed to polymerize instantly by absorbing surface moisture. The product's performance has been tested with a variety of materials, and is recommended for a multitude of applications. The fast curing qualities make it especially desirable in high speed industrial production. Turbo Fuse is ideal for use in applications that require good "wicking" characteristics and/or in close fitting applications. Because of TurboFuse 110SI Series low viscosity, it works especially well in close fitting applications such as metal to metal bonding, and rubber to rubber such as "O" ring repair/manufacture. Part Numbers for this data: 04-110SI, 10-110SI, 15-110SI, 20-110SI, 25-110SI, 30-110SI, 35-110SI Soluble in Acetone, MEK, Amide, Methylene Chloride Information provided by Palm Laboratories Adhesives

Order this product through the following link:

http://www.lookpolymers.com/polymer_Palm-Labs-Adhesives-Turbo-Fuse-Series-110SI-Surface-Insensitive-20-Viscosity-Rapid-Bonding-Adhesive.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.05 g/cc	1.05 g/cc	Liquid State
Viscosity	2.0 - 5.0 cP	2.0 - 5.0 cP	Liquid State

Mechanical Properties	Metric	English	Comments
Hardness, Barcol	65	65	Cured State
Shear Strength	17.2 MPa	2500 psi	Tensile, (Cured State)

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	82.2 °C	180 °F	Cured State
Softening Point	149 °C	300 °F	Cured State
Minimum Service Temperature, Air	-53.9 °C	-65.0 °F	Cured State
Flash Point	76.7 - 93.3 °C	170 - 200 °F	Liquid State (Tagliabue closed cup)

Electrical Properties	Metric	English	Comments
Dielectric Constant	3.33	3.33	Cured State
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	

Processing Properties	Metric	English	Comments
Shelf Life	12.0 Month	12.0 Month	Liquid State

Processing Properties	Metric	English	Comments
Descriptive Properties	Value		Comments
Appearance	Clear liquid		Liquid State
	Clear-Hard		Cured State
Base compound (Resin)	Surface Insensitive Ethyl Cyanoacrylate		Liquid State
Gap Fill	0.002"		Cured State
Material Set Up Time	<3 sec		Rubber to Rubber
	3-10 sec		Polycarbonate to Polycarbonate
	3-5 sec		Phenolic to Phenolic
	3-5 sec		Aluminum to Aluminum
	5-15 sec		Steel to Steel

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