Palm Labs Adhesives TURBO FUSE 2000CP FLUORESCENT Rapid Bonding Adhesive

Category : Polymer , Adhesive

Material Notes:

Palm Lab's Cyanoacrylate is a one component rapid bonding adhesive. TURBO FUSE FLUORESCENT 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. It's Fluoresence allows it to be detected with a UV Light. The fast curing qualities make it especially desirable in high speed industrial production. TURBO FUSE FLUORESENCE is ideal for use in applications that require an easily handled high viscosity adhesive.Part Numbers for this data: 10-175F, 15-175F, 30-175FSoluble in Acetone, MEK, Amide, Methylene ChlorideInformation provided by Palm Laboratories Adhesives

Order this product through the following link:
http://www.lookpolymers.com/polymer_Palm-Labs-Adhesives-TURBO-FUSE-2000CP-FLUORESCENT-Rapid-Bonding-Adhesive.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.05 g/cc	1.05 g/cc	Liquid State
Viscosity	1900 - 2100 cP	1900 - 2100 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

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

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

Descriptive Properties	Value	Comments
Appearance	Clear Liquid	Liquid State
	Clear-Hard	Cured State
Base compound (Resin)	Ethyl Cyanoacrylate	Liquid State
Gap Fill	0.008"	Cured State
Material Set Up Time	<10 sec	Rubber to Rubber
	<20 sec	Aluminum to Aluminum
	<40 sec	Phenolic to Phenolic
	30-50 sec	Steel to Steel
	50-70 sec	Polycarbonate to Polycarbonate

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