

Palm Labs Adhesives TURBO FUSE SERIES 130 CLEAR FLEXIBLE (100 Viscosity) Rapid Bonding Adhesive

Category : Polymer , Adhesive

Material Notes:

Palm Lab's Cyanoacrylate is a one component rapid bonding adhesive. TURBO FUSE SERIES 150 CLEAR FLEXIBLE 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 SERIES 150 CLEAR FLEXIBLE is ideal for use in applications that require an easily handled medium viscosity adhesive that require flexible bondness. Because of the 500 viscosity, it works especially well in medium fitting applications such as broken ceramic repair, unfinished metal to metal bonding, metal to rubber, and rubber to rubber, such as "O" ring repair/manufacture. This product is a very good, easy to handle general purpose adhesive. Part Numbers for this data: 04-150CF, 10-150CF, 15-150CF, 20-150CF, 25-150CF, 30-150CF, 35-150CF 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-130-CLEAR-FLEXIBLE-100-Viscosity-Rapid-Bonding-Adhesive.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.05 g/cc	1.05 g/cc	Liquid State
Viscosity	450 - 550 cP	450 - 550 cP	Liquid State

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	80 - 90	80 - 90	Cured State
Tensile Strength	5.00 MPa	725 psi	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

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	clear; thickness not quantified

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.58e+14 ohm-cm	1.58e+14 ohm-cm	

Electrical Properties	Metric	English	Comments
Dielectric Constant	@Frequency 1.00e+6 Hz	@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	0.007"	Cured State
Material Set Up Time	<15 sec	Rubber to Rubber
	20-40 sec	Phenolic to Phenolic
	5-15 sec	Aluminum to Aluminum
	7-15 sec	Polycarbonate to Polycarbonate
	7-25 sec	Steel to Steel

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