

Palm Labs Adhesives TURBO FUSE SERIES 120 LOW ODOR/LOW BLOOM (40 Viscosity) Rapid Bonding Adhesive

Category : Polymer , Adhesive

Material Notes:

Palm Lab's cyanoacrylate is a one component rapid bonding adhesive. TURBO FUSE SERIES 120 LOW ODER 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. The Low Odor/Low Bloom formula is widely used in the Aerospace, Automotive and Electronic industries. Because of TurboFuse 120 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. The Low Odor/Low Bloom formula works especially well in Production Plants with limited ventilation. Part Numbers for this data: 04-120L/O, 10-120L/O, 15-120L/O, 20-120L/O, 25-120L/O, 30-120L/O, 35-120L/O 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-120-LOW-ODORLOW-BLOOM-40-Viscosity-Rapid-Bonding-Adhesive.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.07 g/cc	1.07 g/cc	Liquid State
Viscosity	35 - 45 cP	35 - 45 cP	Liquid State

Mechanical Properties	Metric	English	Comments
Hardness, Barcol	65	65	Cured State

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	121 °C	250 °F	Cured State
Softening Point	166 °C	330 °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	3.33	Cured State
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	

Processing Properties	Metric	English	Comments
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Shelf Life Processing Properties	6.00 Month Metric	6.00 Month English	Liquid State Comments
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Descriptive Properties	Value	Comments
Appearance	Clear Liquid	Liquid State
	Clear-Hard	Cured State
Base compound (Resin)	Methoxyethyl Cyanoacrylate	Liquid State
Gap Fill	0.004"	Cured State
Material Set Up Time	30-75 sec	Steel to Steel
	3-10 sec	Polycarbonate to Polycarbonate
	3-5 sec	Rubber to Rubber
	3-7 sec	Aluminum to Aluminum
	5-10 sec	Phenolic to Phenolic

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