

Loctite® Durabond® E-40FL Epoxy Adhesive

Category : Polymer , Adhesive , Thermoset , Epoxy , Epoxy Adhesive

Material Notes:

Epoxy Adhesives Loctite offers a complete line of one-part and two-part epoxy and urethane adhesives for structural bonding, potting and encapsulating. The Loctite® Durabond® line contains 14 application-specific products designed to outperform the competition in all aspects: better adhesion, better flow, less odor, improved clarity, higher strength, and greater durability. All two-part Durabond® Structural Adhesives are packaged in easy-to-use, side-by-side cartridges for use with our manual dispensers and mix nozzles. Loctite® E-40FL Toughened, flexible, impact resistant Durabond® Epoxy Adhesive A toughened epoxy with a 40 minute worklife. Grey, flexible, impact resistant. Mix Ratio by Volume, Resin:Hardener = 1:1 Bonding Type: Epoxy

Order this product through the following link:

http://www.lookpolymers.com/polymer_Loctite-Durabond-E-40FL-Epoxy-Adhesive.php

Physical Properties	Metric	English	Comments
Viscosity	75000 cP	75000 cP	Mixed - medium; Resin - 75,000 cP; Hardener - 65,500 cP

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	75	75	
Adhesive Bond Strength	6.89 - 20.7 MPa	1000 - 3000 psi	Varies with substrates
Peel Strength	0.877 - 7.01 kN/m	5.00 - 40.0 pli	Varies with substrates.

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	30.0 °C	86.0 °F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	15.7 kV/mm	400 kV/in	Test run on 1/8" specimens.

Processing Properties	Metric	English	Comments
Pot Life	40 min	40 min	

Descriptive Properties	Value	Comments
Color	Grey	

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