

Loctite® Durabond® E-60NC 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-60NC Electrically non-corrosive, low viscosity Durabond® Epoxy Adhesive A potting compound with a 60-minute worklife. Black opaque, low viscosity. Electrically non-corrosive. 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-60NC-Epoxy-Adhesive.php

Physical Properties	Metric	English	Comments
Viscosity	6200 cP	6200 cP	Mixed - low; Resin - 6,200 cP; Hardener - 13,000 cP

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	85	85	
Adhesive Bond Strength	6.89 - 20.7 MPa	1000 - 3000 psi	Varies with substrates
Peel Strength	0.175 - 0.877 kN/m	1.00 - 5.00 pli	Varies with substrates.

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	55.0 °C	131 °F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	21.7 kV/mm	550 kV/in	Test run on 1/8" specimens.

Processing Properties	Metric	English	Comments
Pot Life	60 min	60 min	

Descriptive Properties	Value	Comments
Color	Black opaque	

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