

Loctite® Durabond® E-120HP 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-120HP Ultra strength, non-sag, aerospace grade Durabond® Epoxy Adhesive An ultra-strength epoxy with a 120-minute worklife. Amber, non-sag, aerospace grade. Mix Ratio by Volume, Resin:Hardener = 2:1 Bonding Type: Epoxy

Order this product through the following link:

http://www.lookpolymers.com/polymer_Loctite-Durabond-E-120HP-Epoxy-Adhesive.php

Physical Properties	Metric	English	Comments
Viscosity	41500 cP	41500 cP	Mixed - high; Resin - 41,500 cP; Hardener - 2,800 cP

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	85	85	
Adhesive Bond Strength	20.7 - 41.4 MPa	3000 - 6000 psi	Varies with substrates
Peel Strength	3.51 - 8.77 kN/m	20.0 - 50.0 pli	Varies with substrates.

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	90.0 °C	194 °F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	25.6 kV/mm	650 kV/in	Test run on 1/8" specimens.

Processing Properties	Metric	English	Comments
Pot Life	120 min	120 min	

Descriptive Properties	Value	Comments
Color	Amber	

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