

Epoxyset Epoxibond EB-103F Unfilled Epoxy Adhesive

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

Material Notes:

A two-component, unfilled, fast setting epoxy adhesive used for bonding and small potting applications in the medical, electronics, and aerospace industries. EB-103F has excellent bond strength to various substrates including most metals, ceramics, glass, wood, and some plastics. Information provided by Epoxyset Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Epoxyset-Epoxibond-EB-103F-Unfilled-Epoxy-Adhesive.php

Physical Properties	Metric	English	Comments
Density	1.16 g/cc	0.0419 lb/in ³	
Viscosity	5000 - 8000 cP	5000 - 8000 cP	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	70	70	ASTM D2240
Adhesive Bond Strength	17.2 MPa	2500 psi	Lap Shear Strength

Thermal Properties	Metric	English	Comments
CTE, linear	>= 50.0 µm/m-°C	>= 27.8 µin/in-°F	
Maximum Service Temperature, Air	105 °C	221 °F	
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	
Glass Transition Temp, Tg	60.0 °C	140 °F	

Optical Properties	Metric	English	Comments
Refractive Index	1.53	1.53	

Processing Properties	Metric	English	Comments
Cure Time	720 min @Temperature 25.0 °C	12.0 hour @Temperature 77.0 °F	
Pot Life	15 min	15 min	

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