

Epoxyset Epoxibond EB-115 Unfilled Epoxy Adhesive

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

Material Notes:

A two-component, unfilled, high temperature epoxy adhesive used for bonding and small potting applications in the medical, electronics, and aerospace industries. Information provided by Epoxyset Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Epoxyset-Epoxibond-EB-115-Unfilled-Epoxy-Adhesive.php

Physical Properties	Metric	English	Comments
Density	1.16 g/cc	0.0419 lb/in ³	
Viscosity	6000 - 7000 cP	6000 - 7000 cP	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	89	89	ASTM D2240
Adhesive Bond Strength	>= 13.8 MPa	>= 2000 psi	Lap Shear Strength

Thermal Properties	Metric	English	Comments
CTE, linear	>= 50.0 $\mu\text{m}/\text{m}\cdot\text{°C}$	>= 27.8 $\mu\text{in}/\text{in}\cdot\text{°F}$	
Maximum Service Temperature, Air	230 °C	446 °F	
Minimum Service Temperature, Air	-55.0 °C	-67.0 °F	
Glass Transition Temp, Tg	>= 130 °C	>= 266 °F	

Optical Properties	Metric	English	Comments
Refractive Index	1.54	1.54	

Processing Properties	Metric	English	Comments
Cure Time	30.0 min	0.500 hour	
	@Temperature 150 °C	@Temperature 302 °F	
Pot Life	120 min	2.00 hour	
	@Temperature 125 °C	@Temperature 257 °F	

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