

Hybrid Plastics POSSÂ® EP 1050 Epoxy Adhesive

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

Material Notes:

EP1050 is a POSSÂ® based, high-temperature epoxy adhesive with outstanding resistance to ozone, plasma, or atomic oxygen environments. Major applications include medical devices, optics, semiconductors and electronics. Information provided by Hybrid Plastics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hybrid-Plastics-POSS-EP-1050-Epoxy-Adhesive.php

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/inÂ³	after cure
Viscosity	<= 5000 cP	<= 5000 cP	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	85	85	
Modulus of Elasticity	3.00 - 3.50 GPa	435 - 508 ksi	

Thermal Properties	Metric	English	Comments
CTE, linear	100 Âµm/m-Â°C	55.6 Âµin/in-Â°F	
	@Temperature 20.0 Â°C	@Temperature 68.0 Â°F	
Glass Transition Temp, Tg	100 - 110 Â°C	212 - 230 Â°F	

Processing Properties	Metric	English	Comments
Cure Time	6.00 min	0.100 hour	
	@Temperature 80.0 Â°C	@Temperature 176 Â°F	
Pot Life	180 min	180 min	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China