

Henkel Hysol Benzoxazine 99110 Infusion Resin

Category : Polymer , Thermoset , Epoxy , Epoxy Cure Resin

Material Notes:

One-part Infusion resin for RTM & VARTM processing. Low viscosity, high hot-wet properties and very good resistance against flame, smoke and toxicity.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Henkel-Hysol-Benzoxazine-99110-Infusion-Resin.php

Physical Properties	Metric	English	Comments
Storage Temperature	23.0 Å°C	73.4 Å°F	

Mechanical Properties	Metric	English	Comments
Tensile Strength	71.0 MPa	10300 psi	
Elongation at Break	1.5 %	1.5 %	
Tensile Modulus	0.00440 GPa	0.638 ksi	
Flexural Modulus	0.00450 GPa @Temperature 25.0 Å°C	0.653 ksi @Temperature 77.0 Å°F	
Flexural Stiffness	161 MPa @Temperature 25.0 Å°C	23400 psi @Temperature 77.0 Å°F	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	149 Å°C	300 Å°F	

Processing Properties	Metric	English	Comments
Cure Time	90.0 min @Temperature 180 Å°C	1.50 hour @Temperature 356 Å°F	

Descriptive Properties	Value	Comments
Consistency	Low Viscosity	
Form	1 part	
Fracture Toughness (J/m2)	112	
Pot Life	6 months	

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