

Henkel Hysol Benzoxazine 99120 Infusion Resin

Category : Polymer , Thermoset , Epoxy , Epoxy Cure Resin

Material Notes:

One-part Infusion resin for VARTM processing. Moderate viscosity, very high toughness with good hot wet properties.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Henkel-Hysol-Benzoxazine-99120-Infusion-Resin.php

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

Mechanical Properties	Metric	English	Comments
Tensile Strength	97.0 MPa	14100 psi	
Elongation at Break	4.6 %	4.6 %	
Tensile Modulus	0.00370 GPa	0.537 ksi	
Flexural Modulus	0.00350 GPa @Temperature 25.0 °C	0.508 ksi @Temperature 77.0 °F	
Flexural Stiffness	146 MPa @Temperature 25.0 °C	21200 psi @Temperature 77.0 °F	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	121 °C	250 °F	

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

Descriptive Properties	Value	Comments
Consistency	Moderate Viscosity	
Form	1 part	
Fracture Toughness (J/m ²)	471	
Pot Life	6 months	

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