

Hetron 922 Infusion Resin

Infusion Resin

A low viscosity, promoted epoxy vinyl ester resin designed for manufacture of marine and structural parts by the infusion moulding process.

Value Proposition

- ✓ Excellent corrosion resistance
- ✓ Excellent impact strength
- ✓ High tensile elongation
- ✓ No foaming
- ✓ Exotherm control
- ✓ Industry-leading storage stability



Other Versions

C260047 – Hetron 922 Infusion Resin 45
42 to 47 minutes geltime using 1.5% Butanox M50

Target Applications

Marine



Chemical Storage Tanks



Please contact your account manager to discuss any further application areas.

Typical Cast Unfilled Resin Properties

Property	Typical Value	Test Details
Heat Deflection Temperature	105 °C	ISO 175
Barcol hardness (934-1)	30	ASTM D 2583
Tensile Properties: <ul style="list-style-type: none"> Tensile Strength Elongation at Break 	85 MPa 6.7%	ISO 527-2
Flexural Properties: <ul style="list-style-type: none"> Flexural Strength Flexural Modulus 	140 MPa 3.4 MPa	ISO 178

Cast resin was prepared using 1% BPO and postcured for 2 hours at 70°C followed by 1 hour at 90°C and 2 hours at 140°C.

Typical Liquid Resin Properties

Property	Typical Value
Appearance	Clear liquid
Viscosity @ 25 °C, centipoise	300 - 350
Geltime at 25 °C, minutes: <ul style="list-style-type: none"> 1.75% w/w Norox CHM50 2.0% w/w Norox CHM50 2.5% w/w Norox CHM50 3.0% w/w Norox CHM50 2.0% w/w Butanox M50 	180 – 240 118 106 98 22
Solids Content %	53 - 55

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