

Grade H208 has high magnetic permeability and excellent retention of properties after heat aging at elevated temperatures. This unique combination of properties allows Grade H208 to be used in various motor, transformer, coil, and other applications requiring low hysteresis or magnetic flux losses.

<u>Property</u>	<u>Test Method</u>	<u>Value</u>
<i>Mechanical Properties</i>		
Flexural Strength LW @ 23°C, Mpa	ISO-178	112
Flexural Strength CW @ 23°C, Mpa	ISO-178	124
Flexural Modulus LW @ 23°C, MPa	ISO-178	6,053
Flexural Modulus CW @ 23°C, MPa	ISO-178	6,716
<i>Electrical Properties</i>		
Volume Resistivity, Ohm-cm	D-257	>1.0 E+6
<i>Physical Properties</i>		
Iron Content (weight) %	—————	75
Density, g/cm ³	ISO-1183	3.27
Barcol Hardness	ASTM D2583	35-40
<i>Thermal Properties</i>		
Linear Coefficient of Thermal Expansion, 1.0E ⁻⁶ /K	VDE 0304	23
Thermal Conductivity, W/mK	DIN 52612	0.717
Specific Heat (J/g °C)	ISO-11357-4	.6434
Temperature Class, °C	IEEE	155

Unless otherwise indicated, all properties published are based on test performed on standard ISO test samples and according to ISO test methods. Values shown are for test samples made from production materials and they are believed to be conservative. No warranty is to be construed, however, in fabricated or molded form, parts may vary considerably from this standard test data. Where specific or unusual applications arise, test should be made on actual parts, and test procedures agreed upon between Haysite Reinforced Plastics and the customer.