

**Specialty Graphite (P&PFR&PFR N&PCC)**

<b>Grade</b>	<b>P</b>	<b>PFR</b>	<b>PFR N*</b>	<b>PCC</b>
Property	Metric Unit	Metric Unit	Metric Unit	Metric Unit
Bulk Density	> 1.58 g/cm <sup>3</sup>	> 1.72 g/cm <sup>3</sup>	> 1.75 g/cm <sup>3</sup>	> 1.78 g/cm <sup>3</sup>
Maximum Particle Size	4.0 mm	0.8 mm	0.8 mm	0.5 mm
Specific Resistance	< 10.0 μΩm	< 8.5 μΩm	< 8.5 μΩm	< 8.5 μΩm
Flexural Strength	7.. 5 MPa	13.5 MPa	18.6 MPa	25 MPa
Compressive Strength	> 20.0 MPa	> 30.0 MPa	> 40 MPa	> 50.0 MPa
C.T.E. (to 100°C)	> 2.5 X 10 <sup>6</sup> / °C	< 2.5 x 10	< 2.9 x 10 <sup>-6</sup> / °C	N/A

PFR N ----- ASH 1% (Below 1000 PPM)