



# Graphite Foil

Properties	Unit	Standard Purity	High Purity	Nuclear Grade
Carbon Content	%	99	99.7	99.9
Sulfur Content	ppm	1000	300	< 200
Chloride Content	ppm	45	10	0
Ash	%	1.0	0.5	0.0
Density	g/cm <sup>3</sup>	1.0	1.0	1.0
Tensile Strength	MPa	4.5	5.5	6.5
Compressive Strength	MPa	180	200	220
Compressive Modulus	%	120	120	120
Recovery	%	> 10	> 10	> 10
Specific Resistance	μΩ-m	5	7	10
Compatible pH	pH	0-14	0-14	0-14
Max Temp in Air	°C	510	510	510
Max Temp in Steam	°C	850	850	850
Max Temp in Vacuum	°C	3000	3000	3000
Availability		In Stock	In Stock	Special Order Only