

Extruded Graphite Grade Comparisons

Property

	<u>Units</u>	<u>6501</u>	<u>6503</u>	<u>6507</u>	<u>6510</u>	<u>6511</u>	<u>6513</u>
Density	g/cm ³	1.76	1.76	1.74	1.73	1.73	1.74
Resistivity	μ ohm.cm	762	1000	800	660	680	700
Flexural Stength	Mpa	19	21	23	18	15	21
Compressive Strength	Mpa	47	45	39	35	35	38
Thermal Conductivity	W/m°C	175	160	200	175	175	200
C.T.E.	x 10 ⁻⁶ /°C	3.8	1.4	3.3	2.6	2.6	1.6
Sizes Available:	Rounds		3-6x48		3-30x72	9-16x72	3 - 30x72
	Rectangles	15x25x72 19x29x72 15x43x86		22x22x72	21x23x72 15x35x72 24x24x72	12x30x95 21x23x72	16x16x72 15x36x72 20x20x72 22x22x72 24x24x72