

Specification pyrolytic graphite

Property	Value	Unit	
Density	2.17-2.20	g/cm ³	
Tensile strength	72	Mpa	a-b
Compressive strength	80	Mpa	a-b
Bending strength	80	Mpa	a-b
Ash	0.03	%	
Resistivity	2 x 10 ⁻⁶	Ohm.cm	a-b
	0.6 x 10 ⁻⁶	Ohm.cm	c
Thermal conductivity	0.9	K/cm.s.c	a-b
	0.005	K/cm.s.c	c
C.T.E.	3.2	x10 ⁻⁶ /k	a-b
	3.3	x10 ⁻⁶ /k	c
Diamagnetic properties	21.7 x 10 ⁻⁶	cgs/g2000°C	a
	2.88 x 10 ⁻⁶	cgs/g2000°C	c
	27.5 x 10 ⁻⁶	cgs/g2000°C	t
Distance between layers	3.45	Å	