

EXTRUDED GRAPHITE: Typical properties

Grade	Specific Gravity	Specific Resistivity $\mu\Omega\text{m}$	Flexural Strength MPa	Shore Hardness -
G151	1.73	6.5	24.5	30
G159	1.72	6.0	15.7	23
EE250	1.75	8.0	24.5	35
FE250	1.75	8.0	24.5	35

Grade	Thermal Conductivity $\text{W/m}\cdot\text{K}$	Coefficient Thermal Expansion $\times 10^{-6}/^{\circ}\text{C}$ ※	Maximum Grain size (mm)
G151	186	2.0	1.5
G159	197	2.0	2.5
EE250	162	3.3	0.8
FE250	162	3.3	0.8

These properties are typical value and not guaranteed.

All properties measured at room temperature except for C.T.E (RT - 1000°C)

1MPa=10.2kgf/cm²

1W/mK=0.86kcal/m·h·°C