

Oasis Materials Tungsten	Units	Value
Density	20 °C (gm/cc)	19.3
Linear Coefficient of Expansion per °C	°C	4.3 x 10 ^E -6
Thermal Conductivity @ W/mK	-	170
Specific Heat @ 20 °C (cal/gram/°C)	-	0.032
Temp Coefficient of Electrical Resistivity Per °C (0 - 100 °C)	-	0.0046
Tensile Strength @ Room Temp.	PSI	100,000 - 500,000
Tensile Strength @ 500 °C	PSI	75,000 - 200,000
Tensile Strength @ 1000 °C	PSI	50,000 - 75,000
Total Emissivity @ 1500 °C	°C	0.23
Total Emissivity @ 2000 °C	°C	0.28
Working Temperature	°C	< 1700
Recrystallization Temperature	°C	1300 - 1500