

Tungsten/Copper Alloy Rod (W 72/Cu28)

Formula: W 72/Cu28

Diameter: 12.7mm

Length: 200mm

UOM Code: 132-492-56

SKU: 1000038784-group

Product Code: W-11-RD-000130

Material Properties for Alloys

Mechanical Properties

Element	Value
Hardness - Rockwell	92
Tensile strength(MPa)	600

Physical Properties

Element	Value
Density(gcm ³)	14.4

Thermal Properties

Element	Value
Specific heat(J K ⁻¹ kg ⁻¹)	210@25°C
Thermal conductivity(W m ⁻¹ K ⁻¹)	198@23°C
Coefficient of thermal expansion(x10 ⁻⁶ K ⁻¹)	10.2@20°C