

Tungsten/Copper Alloy Tube (W 60/Cu40)

Formula: W 60/Cu40

Outside Diameter: 3.15mm

Wall Thickness: 1.15mm

Inside Diameter: 0.85mm

Length: 10mm

UOM Code: 786-428-40

SKU: 1000218644-group

Product Code: W-18-TB-000200

Material Properties for Alloys

Mechanical Properties

Element	Value
Hardness - Rockwell	82
Hardness - Vickers(kgf mm ²)	140
Tensile strength(MPa)	460

Electrical Properties

Element	Value
Electrical resistivity(μOhmcm)	3.7
Temperature coefficient(K ⁻¹)	-

Physical Properties

Element	Value
Density(gcm ³)	13

Thermal Properties

Element	Value
Specific heat(J K ⁻¹ kg ⁻¹)	240@25°C
Thermal conductivity(W m ⁻¹ K ⁻¹)	228@23°C
Coefficient of thermal expansion($\times 10^{-6}$ K ⁻¹)	11.7@20°C