

Tantalum/Tungsten Alloy Foil (Ta90/W 10)

Formula: Ta90/W 10

Temper: As Rolled

Thickness: 1mm

Length 1: 10mm

Length 2: 10mm

UOM Code: 409-589-28

SKU: 1000164437-group

Product Code: TA03-FL-000100

Material Properties for Alloys

Mechanical Properties

Element	Value
Elongation at break(%)	30
Modulus of elasticity(GPa)	205-207
Tensile strength(MPa)	550-620

Electrical Properties

Element	Value
Electrical resistivity(μOhmcm)	17.6
Temperature coefficient(K^{-1})	-

Thermal Properties

Element	Value
Melting point(C)	3080

Physical Properties

Element	Value
Density(gcm^{-3})	16.9