

Tungsten/Rhenium Alloy Coil (W 97/Re 3)

Formula: W 97/Re 3

Temper: Annealed

Thickness: 0.05mm

Coil Width: 0.5mm

Length: 0.05m

UOM Code: 177-838-60

SKU: 1000067108-group

Product Code: W-04-FL-000150

Material Properties for Alloys

Mechanical Properties

Element	Value
Elongation at break(%)	15
Tensile strength(MPa)	1180

Electrical Properties

Element	Value
Electrical resistivity(μOhmcm)	9.5
Temperature coefficient(K^{-1})	-

Thermal Properties

Element	Value
Melting point(C)	3325
Coefficient of thermal expansion($\times 10^{-6} \text{K}^{-1}$)	2.9@20-100°C

Physical Properties

Element	Value
Density(gcm^{-3})	19.4