

Tungsten/Rhenium Alloy Straight Wire (W 95/Re 5)

Formula: W 95/Re 5

Product Shape: Straight Wire

Diameter: 0.25mm

Length: 0.5m

Thermocouple Alloy: 1

Thermocouple Wire: May Be Used As One Component Of A Thermocouple

Temper: Annealed

UOM Code: 622-281-34

SKU: 1000203383-group

Product Code: W-02-WR-000151

Material Properties for Alloys

Mechanical Properties

Element	Value
Elongation at break(%)	20
Tensile strength(MPa)	220

Electrical Properties

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

Thermal Properties

Element	Value
Melting point(C)	3350

Physical Properties

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