

Gold/Tin Alloy Spooled Wire (Au80/Sn20)

Formula: Au80/Sn20

Product Shape: Spooled

Diameter: 0.125mm

Length: 0.2m

Temper: As Drawn

UOM Code: 047-180-00

SKU: 1000006688-group

Product Code: AU06-WR-000110

Material Properties for Precious Metals

Thermal Properties

Element	Value
Melting point(C)	280
Thermal conductivity(W m ⁻¹ K ⁻¹)	57@23°C
Coefficient of thermal expansion(x10 ⁻⁶ K ⁻¹)	16@20-100°C

Mechanical Properties

Element	Value
Shear strength(MPa)	270-280
Tensile strength(MPa)	270-280