

Sterling Silver Alloy Disk (Ag92.5/Cu 7.5)

Formula: Ag92.5/Cu 7.5

Temper: As Rolled

Thickness: 0.5mm

Diameter: 10mm

UOM Code: 888-057-75

SKU: 1000000097-group

Product Code: AA15-FL-000160

Material Properties for Precious Metals

Mechanical Properties

Element	Value
Elongation at break(%)	41
Hardness - Vickers(kgf mm ²)	71
Tensile strength(MPa)	207

Electrical Properties

Element	Value
Electrical resistivity(μOhmcm)	1.8
Temperature coefficient(K ⁻¹)	-

Thermal Properties

Element	Value
Melting point(C)	788-891
Specific heat(J K ⁻¹ kg ⁻¹)	245@23°C
Coefficient of thermal expansion($\times 10^{-6}$ K ⁻¹)	19@20-100°C

Physical Properties

Element	Value
Density(gcm ³)	10.4