

Metallic Glass Nickel/Boron/Silicon Alloy Coil (Ni78/B 14/Si 8 (Atomic %))

Grade: Metallic Glass

Formula: Ni78/B 14/Si 8 (Atomic %)

Thickness: 0.04mm

Coil Width: 25mm

Length: 10m

UOM Code: 148-956-25

SKU: 1000049727-group

Product Code: NI80-FL-000100

Material Properties for Glasses

Electrical Properties

Element	Value
Electrical resistivity(μOhmcm)	90

Thermal Properties

Element	Value
Crystallisation temperature(C)	450
Maximum use temperature in air(C)	200

Physical Properties

Element	Value
Density(gcm^3)	8

Mechanical Properties

Element	Value
Tensile modulus(GPa)	150
Hardness - Vickers(kgf mm^2)	850
Tensile strength(MPa)	1500-2000