

Nickel/Iron/Molybdenum Alloy Disk (Ni80/Fe15.5/Mo 4.5)

Formula: Ni80/Fe15.5/Mo 4.5

Temper: Annealed

Thickness: 0.5mm

Diameter: 10mm

UOM Code: 712-328-62

SKU: 1000161684-group

Product Code: NJ27-FL-000150

Material Properties for Alloys

Magnetic Properties

Element	Value
Initial permeability	50000
Maximum permeability	250000
Coercivity (Hc)(A m ⁻¹)	1.2
Curie temperature(C)	450
Remanence from saturation (Brem)(T)	0.35
Saturation Induction(T)	0.8

Thermal Properties

Element	Value
Melting point(C)	1454

Physical Properties

Element	Value
Density(gcm ⁻³)	8.75