

# Nickel/Iron/Molybdenum Alloy Spooled Wire (Ni80/Fe15.5/Mo 4.5)

**Formula:** Ni80/Fe15.5/Mo 4.5

**Product Shape:** Spooled

**Diameter:** 1mm

**Length:** 50m

**Temper:** As Drawn

**UOM Code:** 024-130-11

**SKU:** 1000002859-group

**Product Code:** NJ27-WR-000150

## Material Properties for Alloys

### Magnetic Properties

Element	Value
Initial permeability	50000
Maximum permeability	250000
Coercivity (Hc)( A m <sup>-1</sup> )	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 <sup>-3</sup> )	8.75