

Nickel/Iron/Molybdenum Alloy Foil (Light Tight) (Ni80/Fe15.5/Mo 4.5)

Formula: Ni80/Fe15.5/Mo 4.5

Temper: Annealed

Thickness: 1mm

Length 1: 50mm

Length 2: 50mm

UOM Code: 016-589-98

SKU: 1000002030-group

Product Code: NJ27-FL-000100

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 |