

Products & Sizes

Precision Reroll Strip

0.0008" - 0.015"

	Element	Min	Max
Ni	Nickel	99.0	-
Fe	Iron	-	0.40
Mn	Manganese	-	0.35
Cu	Copper	-	0.25
Si	Silicon	-	0.25
Mg	Magnesium	-	0.15
Ti	Titanium	-	0.10
C	Carbon	-	0.02
S	Sulfur	-	0.005

Industry Standards

Industry Applications

- Battery components
- Heat exchangers
- Lead wires
- Electrodes
- Welding applications
- Food processing

Related Industries

Aerospace

Defense

Oil & Gas

Power Generation

Physical Properties

Property	Value
Melting Temperature Range	1450–1445°C
Density	8900 kg · m ⁻³
Modulus of Elasticity	196 GPa
Specific Heat	440 J · kg ⁻¹ · K ⁻¹
Thermal Conductivity	76 W · m ⁻¹ · K ⁻¹
Coefficient of Thermal Expansion	14.5 x 10 ⁻⁶ K ⁻¹
Specific Electrical Resistivity	0.085 Ω · mm ² · m ⁻¹

Mechanical Properties

Semi-Finished Product Form	Sheet ≤ 50 mm thickness
	Bar ≤ 250 mm Ø
	Forging ≤ 150 mm Ø thickness
Rp 0.2 min [MPa]	80
Rp 1.0 min [MPa]	105
Rm [MPa]	340-540
A min [%]	40