

Specification Sheet

Ni, Purity : >99.9%, PPI: 50

Stock No: NS6130-10-1008, CAS: 7440-02-0

Product	:	Nickel Metal Foam
Stock No	:	NS6130-10-1008
CAS	:	7440-02-0
Purity	:	>99.9%
Porosity	:	≥ 95%
Thickness	:	2 mm
PPI	:	50
Pore size	:	0.5 mm
Molecular Formula	:	Ni
Molecular weight	:	58.69g/mol
Density	:	0.60 g/cm ³
Thermal expansion	:	13.4 μm.m-1.k-1
Thermal conductivity	:	90.9 W.m-1.K-1
Young's modulus	:	200 GPa
Vickers hardness	:	638 MPa
Poisson's ratio	:	0.31
Electrical resistivity	:	69.3n.Ω.m
Specific heat	:	0.44kj/kg.k
Electronegativity	:	1.91 paulings
Heat of fusion	:	1.91 paulings
Heat of vaporization	:	377.5kj.mol-1
Main Inspect Verifier	:	Manager QC

Note: Product Specification are subject to amendment and may change over time

Characterization of Ni, Purity : >99.9%, PPI: 50



Nickel Metal Foam



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Creating Miracles in Black