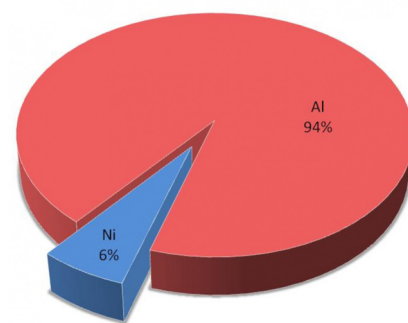




Alloy Aluminium Nickel NANOPARTICLES

Aluminium Nickel Alloy Powder



Composition Chart

Al:Ni

Stock No:
NS6130-07-729

CAS	:	12635-27-7 / 12635-29-9
Purity	:	99.9%
APS	:	40-50µm
Color	:	Light Grey
Form	:	Powder

Technical Specification

Molecular Formula	:	Al:Ni
Relative Density	:	3.46g/cm ³
Melting Point	:	1350°C

Chemical Composition

Assay	:	99.9%
Al	:	93.7%
Ni	:	6.3%

Aluminium Nickel Alloy Powder is used as a strengthening constituent in high-temperature nickel-base super alloys, however, unalloyed nickel aluminium has a tendency to exhibit brittle fracture and low ductility at ambient temperatures. Aluminium Nickel Alloy Powder is unique in that it has very high thermal conductivity combined with high strength at high temperature. These properties, combined with its high strength and low density, make it ideal for special applications like coating blades in gas turbines and jet engines

Application:

- ✓ Used in bearings
- ✓ Used in electrical contacts
- ✓ Used in ship propellers

ISO 9001:2015
CERTIFIED COMPANY



Follow us:



INTELLIGENT MATERIALS PVT LTD
Derabassi
Punjab (140507)
INDIA

+91 9779 550077, 9779238252

NANOSHEL UK LIMITED
Chapel House,
Chapel St Cheshire,
CW12 4AB United Kingdom

+44 (0) 74 105 488, +44 203 137 5187

NANOSHEL LLC
3422 Old Capitol Suit
1305 Wilmington DE - 19808
United States

+1 646 470 4911

www.nanoshel.com | sales@nanoshel.com