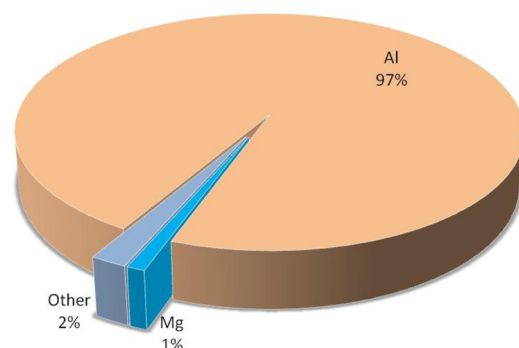




6061 Aluminium Alloy NANOPARTICLES

Aluminium Alloy 6061



Composition Chart

Stock No:

NS6130-12-000150

The properties of pure aluminum and other pure metals are fixed, meaning that their strength, durability, malleability, melting points and other characteristics are permanent. Alloys, such as 6061 aluminum, however, mix the pure metal with two or more other metallic elements to create a hybrid substance. The new alloy blends the properties of each of the elements to result in a stronger, more durable and more flexible metal, suitable for a specific purpose.

CAS	:	7429-90-5
Purity	:	99.9%
APS	:	80-100nm
Color	:	Metallic Silver Grey
Form	:	Powder

Technical Specification

Tensile strength	:	>260 MPa
Relative Density	:	2.7g/cm ³
Melting Point	:	660°C

Chemical Composition

Assay	:	99.9%
Al	:	95.85-98.56%
Mg	:	0.8-1.2%
Others	:	2%

Application:

- ✓ Construction material
- ✓ Automotive components
- ✓ Construction of aluminum cans
- ✓ Wide-span roof structures for bridge decks and arenas

ISO 9001:2015
CERTIFIED COMPANY



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