

NS6130-01-105

ALUMINIUM

Nanoparticles

Quick Facts

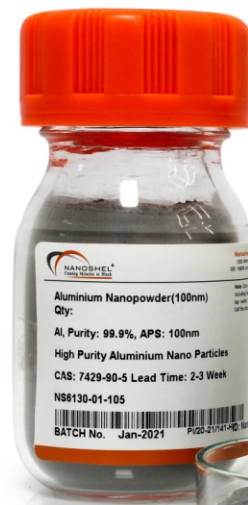
Product	:	Aluminium Nanoparticles
Stock No	:	NS6130-01-105
CAS	:	7429-90-5
Molecular Formula	:	Al
Form	:	Powder

Purity
99.9%

Technical Specification

Molecular Weight	Density	Melting Point	APS
26.98g/mol	2.70g/cm ³	660.32°C	100nm

Aluminum, of atomic number 13 and chemical symbol Al, belongs to the elements of Group 13 of the periodic table. Aluminum nanopowders are increasingly used in various areas of research in materials and physical chemistry. Aluminum nanoparticles has an unusual properties e.g. light weight, high strength, corrosion resistance, high electrical and thermal conductivity. Aluminum nanopowders perfect catalysts for rocket fuel reactions, with many other promising applications in biomedical and antimicrobial fields, automobiles, catalysis, solid rocket propellants, explosives, lubrication, etc.



Al
APS 100nm



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20ZICE4589C



19ZAZGO1274G



20ZICE4588M

ISO 9001:2015
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