

Aluminium

NANOPARTICLES

Al

Purity
99.9%

Stock no.
NS6130-01-107
CAS : **7429-90-5**

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.

Technical Specification

Molecular Weight	Density	Melting Point	APS
26.98g/mol	2.70g/cm ³	660.32°C	40nm



APS: 40nm



ISO 9001:2015
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