

# Magnesium

## NANOPARTICLES

# Mg

Purity  
**99.9%**

**Stock no.**  
**NS6130-01-169**  
**CAS : 7439-95-4**

Magnesium is a chemical element with the symbol Mg and atomic number 12. Magnesium is used in super-strong, lightweight materials and alloys. Magnesium nanoparticles in a variety of commercial applications are magnetic resonance imaging, refrigerators, magnetic separation, magnetic levitation, superconducting magnetic energy storage, and high-energy physics applications.

### Technical Specification

Molecular Weight	Density	Melting Point	APS
24.305g/mol	1.738g/cm <sup>3</sup>	N/A	<12nm

- Automobiles and airplanes
- Coatings, nanowires, plastics, and nanofibers
- Hydrogen storage
- Textiles



**APS: <12nm**



ISO 9001:2015  
CERTIFIED COMPANY



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