

LITHIUM

POWDER

with Oxide Layer

Li



NS6130-12-000964



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40-60 μ m

Lithium Powder

Lithium is a chemical element with the symbol Li and atomic number 3. Lithium-ion batteries are the key to lightweight, rechargeable power for laptops, phones and other digital devices. The main industrial use of lithium is in lithium stearatum form, as lubricant grease's thickener. Other important applications of lithium compounds are in pottery, specifically in porcelain glaze; as an additive to extend the life and performance of alkaline storage batteries and in autogenously welding and brass welding. Lithium is also employed in some non-rechargeable batteries for things such as heart pacemakers, toys and clocks

Quick Facts

Product	:	Lithium Powder
Stock No	:	NS6130-12-000964
CAS	:	7439-93-2
Purity	:	99.9%
APS	:	40-60µm

Technical Specification

Molecular Formula	Molecular Weight	Density	Melting Point
Li	6.94g/mol	0.534 g/cm ₃	180 °C

- Rechargeable batteries for mobile phones, digital cameras, laptops,
- Non-rechargeable batteries for things such as heart pacemakers, toys and clocks
- air conditioning, utilized for ovenware
- High-energy additives to rocket propellants.



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