

NS6130-12-001603

Quick Facts

LITHIUM PHOSPHATE

Nanopowder

Purity

99.9%

Product : Lithium Phosphate Powder

Stock No : NS6130-12-001603

CAS : 10377-52-3 Molecular Formula : Li3PO4 Form : Powder

Technical Specification

Molecular Weight	Density	Melting Point	APS
115.79 g/mol	2.54g/cm³	837 °C	80-100nm

Lithium phosphate (Li3PO4) is one of the promising solid electrolyte materials for lithium-ion battery because of its high ionic conductivity. Lithium phosphate is majorly used in the form of a conductive thin-film electrolyte for the fabrication of a variety of high performance energy storage devices such as lithium ion batteries and other lithium based rechargeable batteries. Lithium phosphate batteries batteries are now widely used as a staple for cell phones, laptops and some other gadgets. Used in low-expansion porcelain enamel glazes and polymer intermediates.

Applications:

- Additive in the building material industry
- The manufacturing of special glasses and enamels
- Used as a stabilizer for polyurethane
- Catalyst for iso-merization of propylene oxide to alkyl alcohol

Li3PO4

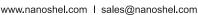
APS 80-100nm

















ISO 9001:2015 CERTIFIED COMPANY

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