

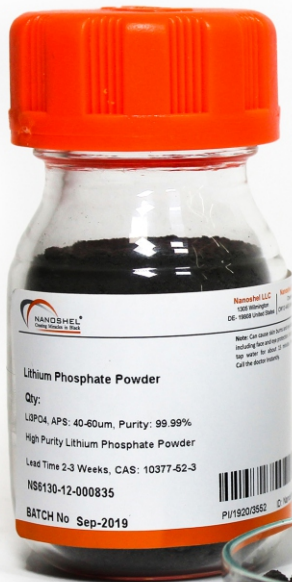
Lithium Phosphate

Lithium Phosphate Powder

Stock No.
NS6130-12-000835

Lithium phosphate (Li_3PO_4) 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 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.

APS
50-60 μm



Purity
99.99%



TECHNICAL Specifications

✓ CAS	:	10377-52-3
✓ Color	:	White
✓ Form	:	Powder
✓ Melting Point	:	837°C
✓ Density	:	2.54g/cm ³
✓ Molecular Weight	:	115.79g/mol

APPLICATION

- ✓ Additive in the building material industry
- ✓ The manufacturing of special glasses and enamels
- ✓ Used as a stabilizer for polyurethane
- ✓ Atalyst for isomerization of propylene oxide to allyl alcohol
- ✓ Used in Batteries
- ✓ Used in energy storage devices

PACKING SIZES :25Gms, 50Gms, 100Gms, 500Gms & Bulk Orders



ISO 9001:2015
CERTIFIED COMPANY

INTELLIGENT MATERIALS PVT LTD
Derabassi
Punjab (140507)
INDIA

+91 9779 550077, 9779238252

NANOSHEL UK LIMITED
Chapel House,
Chapel St Cheshire,
CW12 4AB United Kingdom

+44 (0) 74 105 488, +44 203 137 5187

NANOSHEL LLC
3422 Old Capitol Suit
1305 Wilmington DE - 19808
United States

+1 646 470 4911

