

NS6130-02-292

LITHIUM Oxide

Nanoparticles

Quick Facts

Product	: Lithium Oxide Nanoparticles
Stock No	: NS6130-02-292
CAS	: 12057-24-8
Molecular Formula	: Li_2O
Form	: Powder

Purity
99.9%

Technical Specification

Molecular Weight	Purity	Melting Point	APS
29.88g/mol	99.9%	1570°C	80-100nm

Lithium oxide (Li_2O) or lithia is an inorganic chemical compound. Lithium oxide is used as a flux in ceramic glazes; and creates blues with copper and pinks with cobalt. Lithium oxide reacts with water and steam, forming lithium hydroxide and should be isolated from them. Its usage is also being investigated for non-destructive emission spectroscopy evaluation and degradation monitoring within thermal barrier coating systems.

- ✓ Used as a flux in ceramic glazes
- ✓ Used as a thickening agent in the manufacture of greases
- ✓ Used as a coolant in nuclear reactors



Li_2O
APS 80-100nm



Follow us:



| www.nanoshel.com | sales@nanoshel.com



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