

NANDSHEL Creating Miracles in Black

Quick Facts

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

Purity 99.9%

Oxide

Nanoparticles

Technical Specification

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

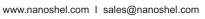
Lithium oxide (Li2O) or lithia is an inorganic chemical compound. Lithium oxide is used as a flux in ceramic glazes; and creates blues with copper and pinks with cobalt. Lithium oxide reacts with water and steam, forming lithium hydroxide and should be isolated from them. Its usage is also being investigated for nondestructive 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











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APS 80-100nm

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