

NS6130-02-204

LANTHANUM FLUORIDE

Quick Facts

Product	:	Lanthanum Fluoride Nanoparticles
Stock No	:	NS6130-02-204
CAS	:	13709-38-1
Molecular Formula	:	LaF ₃
Form	:	Powder

Purity
99.9%

Technical Specification

Molecular Weight	Density	Melting Point	APS
195.9g/mol	5.9g/cm ³	1493 °C	20-60nm

Lanthanum fluoride is sometimes used as the "high-index" component in multilayer optical elements such as ultraviolet dichroic and narrowband mirrors. Fluorides are among the most commonly used compounds for UV optical coatings due to their relative inertness and transparency in the far ultraviolet. Multilayer reflectors and antireflection coatings are typically composed of pairs of transparent materials, one with a low index of refraction, and the other with a high index



Application

- ✓ Fibre optics
- ✓ Electrodes
- ✓ Fluorescent lamps
- ✓ Radiation applications

LaF₃
APS 20-60nm



Follow us:



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