NANOSHEL

STOCK NO:

NS6130-12-001807

ADVANCED MATERIALS | HIGH-PURITY ALLOY POWDERS

Lanthanum

Cerium Oxide Micro Powder

NS6130-12-001807



* This image is for graphic purposes only and does not represent the actual product.

Quick Facts

FORMULA	La_2Ce2O_7
FORM	Powder

TECHNICAL SPECIFICATIONS

>99.9 %	40–60 µm	670.0387 g/mol
Purity	Particle size · APS	Molecular Weight

Lanthanum-cerium oxide (La2Ce2O7, LC) is considered as a new candidate material for thermal barrier coatings (TBCs) because of its low thermal conductivity and high phase stability. The current applications of LDC in Solid Oxide Fuel Cells (SOFCs), hydrogen separation, polymer proton exchange membrane and ammonia synthesis.

Applications

- Fuel Cells (SOFCs)
- Hydrogen separation
- Ammonia synthesis
- Polymer proton exchange membrane
- Environmental treatment materials

PACK SIZES 25 g / 50 g / 100 g / 500 g / Bulk orders

ISO 9001:2015
CERTIFIED COMPANY

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