

LANTHANUM ZIRCONATE POWDER

Stock No: NS6130-12-001523



LZ



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Lanthanum Zirconate Powder

Lanthanum zirconate is a promising candidate material for TBC applications, due to its lower thermal conductivity and higher thermal stability. Thermal barrier coatings are multi-layer coating systems deposited on turbine components, especially turbine blade, which thermally insulate and protect them against hot, corrosive gas streams, thermal barriers on industrial gas turbines or in aerospace applications was evaluated. Lanthanum zirconate powder is mainly used for high-temperature heat insulation, high-temperature resistant catalyst carrier, the high-temperature superconducting buffer layer, and solid electrolyte.

Quick Facts

Product	:	Lanthanum Zirconate Powder
Stock No	:	NS6130-12-001523
Purity	:	99.9%
APS	:	<50µm

Technical Specification

Molecular Formula	Young's Modulus	Poisson's Ratio
LZ	280GPa	0.28

ISO 9001:2015
CERTIFIED COMPANY

2021CE4589C



192AZ001274G



2021CE4588M

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