

**NS6130-12-001589**

## Quick Facts

Product	:	Samarium Zirconate Micropowder
Stock No	:	NS6130-12-001589
Purity	:	99.9%
Molecular Formula	:	Sm <sub>2</sub> Zr <sub>2</sub> O <sub>7</sub>
Form	:	Powder

## Technical Specification

Molecular Weight	Density	APS
595.16g/mol	6.72g/cm <sup>3</sup>	40-60μm

Samarium zirconate micro powder is a chemical compound with the molecular formula Sm<sub>2</sub>Zr<sub>2</sub>O<sub>7</sub>. Samarium zirconate micro powder is used as a material for thermal barrier coatings on metal parts in high-temperature applications. Samarium zirconate micro powder has been investigated for use as a fuel in nuclear reactors. Samarium zirconate micro powder is used as an electrolyte material in solid oxide fuel cells (SOFCs).

**Sm<sub>2</sub>Zr<sub>2</sub>O<sub>7</sub>**

APS 40-60μm



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20ZICE4589C



19ZAZGO1274G



20ZICE4588M

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CERTIFIED COMPANY

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