

NS6130-12-000627

Quick Facts

Product	:	Zirconium (IV) Oxide -Yttria Stabilized
Stock No	:	NS6130-12-000627
CAS	:	114168-16-0
Molecular Formula	:	ZrO ₂ Y ₂ O ₃
Purity	:	99.9%

ZIRCONIUM (IV) OXIDE Yttria Stabilized

Purity
99.9%

Technical Specification

Molecular Weight	Density	APS
349.03g/mol	6.04g/cc	50-60µm

Zirconium (IV) oxide - yttria stabilized (ZrO₂-Y₂O₃) is a composite material that is commonly used as a high-performance ceramic material. Zirconium (IV) oxide - yttria stabilized has a number of applications, including in the production of thermal barrier coatings for gas turbine engines, as a structural material for high-temperature applications, and in dental implants and crowns. It is also used in the production of oxygen sensors, fuel cells, and catalytic converters.

ZrO₂Y₂O₃
APS 50-60µm



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20ZICE4589C



19ZAZGO1274G



20ZICE4588M

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