

NS6130-12-001813

Yttrium doped ZIRCONIA

Quick Facts

Product	:	Yttrium doped Zirconia
Stock No	:	NS6130-12-001813
CAS	:	11416-16-0
Molecular Formula	:	ZrO ₂ /Y ₂ O ₃
Purity	:	99.9%

Technical Specification

Molecular Weight	Melting Point	APS
349.03g/mol	>2600°C	80-100nm

Yttrium doped Zirconia has the characteristics of strong thermal shock resistance, high-temperature resistance, good chemical stability, (thermal conductivity, thermal shock resistance, high-temperature oxidation resistance, etc.

- Used solid electrolyte
- Used as a refractory
- Used as a thermal barrier coating in gas turbines.
- Micro-ceramics, advanced ceramic applications



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

