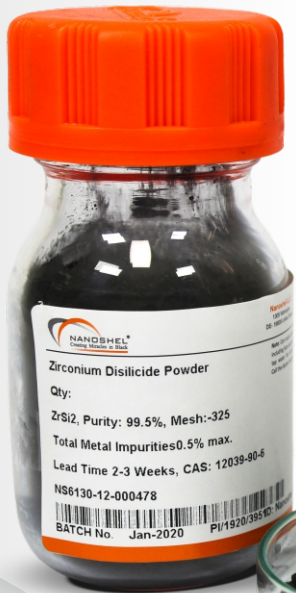


# POTASSIUM DISILICIDE Powder

Zirconium(IV) silicide is an inorganic chemical compound with the chemical formula  $ZrSi_2$ , consisting of zirconium and silicon atoms. Zirconium silicides are being investigated for use as neutron reflector materials for the next generation of nuclear power devices. Zirconium silicate is used for manufacturing refractory materials. It is also used in production of some ceramics, enamels, and ceramic glazes.



**APS**  
-325mesh

**PURITY**  
99.5%



## Packing Sizes:

25Gms, 50Gms, 100Gms, 500Gms & Bulk Orders



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### INTELLIGENT MATERIALS PVT LTD

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# $ZrSi_2$

**CAS**  
13520-61-1

NS6130-12-000478

## Quick Facts

Product	: Zirconium Disilicide Powder
Stock No	: NS6130-12-000478
CAS	: 13520-61-1
Form	: Powder

## TECHNICAL Specification

APS	: -325mesh
Purity	: 99.5%
Molecular Weight	: 147.39g/mol
Density	: 4.8g/cm <sup>3</sup>
Melting Point	: 1620°C

## APPLICATIONS

- ✓ Zirconium silicate is used for manufacturing refractory materials.
- ✓ It is also used in production of some ceramics, enamels, and ceramic glazes.
- ✓ In enamels and glazes it serves as an opacifier.
- ✓ Zirconium silicate is as beads for milling and grinding.



202ICE4589C



18ZAZG01274G



202ICE4588M

ISO 9001:2015  
CERTIFIED COMPANY

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