

WC Chemical Products

ZIRCONIUM OXIDE Reactor Grade

Element		Analysis
Hf	Hafnium	<100
Al	Aluminum	<100
Fe	Iron	200
Si	Silicon	1000
Ti	Titanium	<100
SO ₄	Sulfate	<0.5%

Formula

ZrO₂

Formula Weight

123.22

Description

A white, free-flowing powder.

Typical Analysis

On Zr metal basis ppm, (sulfate on total sample basis.)

Nominal Purity

99.5%

Particle Size

This oxide is nominally 95% - 325 mesh. The typical median is 12 to 18 microns with FSS size 6 -10 microns.

Bulk Density

120 -135 lbs/ft³

Packaging

Plastic bags inside metal drums or polyethylene containers. A 55 gallon drum will contain about 900 -1000 pounds.

Handling

Zirconium oxide is inert and requires no special handling. See MSDS for further information.