



Zirconium Tetrachloride Sublimed Reactor Grade (SNR)

TYPICAL ANALYSIS

On Zr metal basis ppm except where noted, (insolubles on total sample basis.)

Table 1. Typical Chemistry		
Element		Analysis
Hf	Hafnium	1.8 – 2.4% (Avg. 2.3%)
Al	Aluminum	<1000
Fe	Iron	<1500
Si	Silicon	<100
Ti	Titanium	<100
	Insoluble	<0.02%

FORMULA

ZrCl₄

FORMULA WEIGHT

233.03

DESCRIPTION

Off-white anhydrous powder.

NOMINAL PURITY

98 – 99% (Zr+Hf)Cl₄

BULK DENSITY

Nominally 30 - 50 lbs/ft³

PACKAGING

Double plastic bags inside polyethylene containers..

HANDLING

This compound reacts immediately with water and water vapor to release hydrochloric acid fumes. Avoid personal contact. Store in a dry area. In case of spillage, sweep up dry material as much as possible, flush with copious quantities of water. See MSDS for further information.