



## ■ Zirconium

Zirconium, a grey metal with melting point 1852°C and boiling point 4377°C, is of corrosion resistance, is soluble in HF and aqua regia. It is primarily used as hydrogen storage material, desoxidant for steelmaking industry, zirconium alloy such as ZrSn, ZrNb and ZrFe alloy. Meanwhile, zirconium is a essential material for atomic energy industry.



No.	Item	Standard Specification							
1	Zirconium	Zr+Hf	Impurities PCT Max each						
2	Chemical	≥99.5%	Hf	H	C	O/Fe	Pb/Ti	Cr	Ni/Mn/N
			2.0	0.012	0.03	0.1	0.005	0.02	0.01
3	Size	Plate	>1.0×1000×L						
		Sheet	(0.1-0.9) ×600×L						
		Foil	(0.01-0.09) ×110×L						
		Rod	D3.0-D100						
		Wire	D0.1-D3.0						
		Powder	-100,-200,-300mesh						
		Tube	(22.0-150)×(22.0-150) ×(0.8-3.0)×L D3-D200×0.15-5.00×L						
4	Packing	25/50kgs in iron drum, or in plywood case							