



■ Hafnium

Hafnium, a grey transition metal with melting point 2227°C and boiling point 4602°C, is of great malleability and soluble in HF and aqua regia. It is mainly used as cathode material of X-Ray, hafnium alloy such as HfMo, HfW and HfTa alloy, and also used for making HfC for hard alloy industry. Meanwhile, hafnium is also a essential material for atomic energy industry.



No.	Item	Standard Specification							
1	Hafnium	Hf+Zr	Impurities PCT Max each						
2	Chemical	≥99.99%	Zr	H	C	O	Cr/Cu	Fe	Si/Sn/Ti
			0.5	0.002	0.005	0.03	0.002	0.01	0.001
3	Size	Plate	>1.0×1000×L						
		Rod	D3.0-D20.0						
		Wire	D0.8-D3.0						
		Powder	-100,-200,-300mesh						
		Target	Available Upon Request						
4	Packing	25/50kgs in iron drum, or in plywood case							

■ Indium Ingot/Wire/Foil/Granule

Indium, silvery white and light blue metal, with great malleability, is always associated in the zinc ore. It is widely used in the chemical industry, metal alloy, galvanization, indium film, flat panel display, LED light, indium solders, photovoltaic field and manufacturing target material etc.



No.	Item	Standard Specification		
1	Indium	Purity	Impurities PPM Max each	
2	Ingot	≥99.99%	Cu/As 5, Cd/Zn/Sn 15, Pb/Tl 10, Fe 8, Al 7	
		≥99.995%	Cu/Pb/Zn/Cd/Fe/Tl/As/Al 5, Sn 10	
	Granule	≥99.995%	1-2mm, 3-5mm	
	Foil	≥99.99%	100x100x0.1mm, 300x300x1.0mm	
	Wire	≥99.995%	D1-5mm	
3	Packing	Ingot in plywood case, Granule in plastic bottle, Foil/wire in carton box		