



■ Niobium

Niobium, a grey metal with melting point 2468°C and boiling point 4742°C, is of great malleability and paramagnetism. It is mainly used as superconducting material for maglev train, high temperature alloy such as NbFe, NbNi, NbHaTi, optical crystal lithium niobate, niobium compounds, and also found application in medicine industry.



No.	Item	Standard Specification						
1	Niobium	Nb+Ta	Impurities PCT Max each					
2	Chemical	≥99.8%	H	C	N	O	Fe	Si/Ni/Cr/W
			0.005	0.05	0.02	0.15	0.01	0.005
3	Size	Plate	>1.0×1000×L					
		Sheet	0.1-1.0×600×L					
		Foil	0.01-0.09×110×L					
		Rod	D3-D110×L					
		Powder	-100,-200,-300mesh					
		Tube	NbTube D(0.8-200)×T(0.15-5.0)×L(100-200) Nb Alloy D(20-30)×T(3.0-3.5)×L(50-1000) NbZr Alloy D(1.75-4.0)×T(>0.25)×L(>500)					
4	Packing	25/50kgs in iron drum, or in plywood case						

■ Tantalum

Tantalum, a grey metal with melting point 2996°C and boiling point 5425°C, is of great malleability, modest hardness and excellent corrosion resistance, is insoluble in HCl, HNO₃ and aqua regia. It is primarily used for making evaporator, electrode, rectifier, electrolytic capacitor, and also found application in medical industry, such as tantalum sheet and wire can be used for mending damaged tissue.



No.	Item	Standard Specification					
1	Tantalum	Ta	Impurities PCT Max each				
2	Chemical	≥99.9%	H	C	N	O	
			0.008	0.005	0.015	0.25	
			Cu/W/Mo/K	Nb/Cr	Fe/Ti/Al/Mn/Na		
			0.001	0.003	0.005		
3	Size	Plate	1.0-5.0×1000×L				
		Sheet	0.1-1.0×650×L				
		Strip	0.01-0.09×110×L				
		Foil	0.5-30×0.2-5.0×L				
		Rod	D3-D45×L				
		Wire	D0.1-D3.0				
		Powder	-100,-200,-300mesh				
		Tube	D0.5-30×0.2-5.0×L				
	Target	Available Upon Request					
4	Packing	25/50kgs in iron drum, or in plywood case					

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