



□ Minor Metals/Alloy & Compounds

Beryllium · Bismuth Shot · Hafnium · Indium Ingot/Wire/Foil/Granule · Niobium · Tantalum · Tin Shot · Tellurium-Copper Alloy · Zirconium · Metal Compounds

■ Beryllium

Beryllium is a quite rare metal, beryllium-based copper alloy is excellent elastic material with great strength, hardness, fatigue resistance, corrosive resistance, wear resistance, and great electric conductive ability, it is widely used in mould manufacture, electrode, drift plug and explosion proof tools etc.



No.	Item	Standard Specification						
1	Beryllium	Be	Impurities PCT Max each					
2	Chemical	≥98.0%	Fe	Al	Si	Mg	Mn	Other
			0.30	0.02	0.05	0.005	0.02	0.03
3	Size mm	Disc	D(1-50)×(0.1-0.5), D(1-100)×(0.5-2.0),					
		Square	(1-150)×(1-80)×(0.1-0.5), (1-200)×(1-100)×(0.5-2.0), (1-300)×(1-150)×(2.0-3.0)					
4	Packing	2kgs in composite bag with iron drum outside, 25kgs net						

■ Bismuth Shot

Bismuth Shot, with melting point 271.3°C and boiling point 1420°C, is odorless, silver color metal in eye tear shape of 99.9% 3N or 99.99% 4N purity level, normally compound with Tin Sn during the manufacturing of high-accuracy gears or bearings in mechanical industry to increased the durability and sustainability, or be used as a chemical reagent in medicine or chemical field.



No.	Item	Standard Specification		
1	Bismuth	Content	99.9%	99.99%
2	Chemical Impurities PCT Max each	Cu	0.003	0.001
		Pb	0.008	0.001
		Zn	0.005	0.005
		Fe	0.001	0.001
		Ag	0.015	0.004
		As	0.001	0.003
		Te	0.001	0.003
		Sb	0.001	0.003
3	Size	1-6 mm eye tear shape		
4	Packing	Sealed plastic bag inside, plywood case outside		