



Bi metal (Low Pb content)

1) Impurity specs (example)

unit: ppm

	Te	As	Cd	Sb	Fe	Cu	Ni	Zn	Ag	Sn	Pb*1
4N specs	≤10	≤10	≤10	≤10	≤10	≤10	≤10	≤10	≤10	≤10	<0.1
Typical Data	<3	<3	<1	<3	<1	<1	<1	<1	<1	<3	<0.1

2) Low Pb content Bi helps lower α -rays to emit.

Low α -rays *2 : 0.16~0.39cph/cm2

(cf. ordinary 4N grade Bi : 0.90~2.90cph/cm2)

*1 : measured by ICP-MS

*2 : measured by an external company



Bismuth ingot



Bismuth granules