

TECHNICAL DATASHEET

Bismuth Metal Powder

Bismuth Metal Powder

Part A

HSN Code	81061020
IMDG Identification	Not Regulated for Transport (Non-Haz)
Molecular Formula	Bi
Atomic Weight	209
Storage	Room Temperature
Shelf Life	36 Months

Specification

Appearance (Colour)	Greyish black
Appearance (Form)	Powder
Aperient Density	4.5 – 5.2 gm/cm ³
Solubility (Turbidity) 5% solution in 5N HNO ₃	Clear
Assay (EDTA Titration)	99.99% min.
Iron (Fe)	Max. 0.001%
Heavy Metals (Pb)	Max. 0.002%
Antimony (Sb)	0.001%
Copper (Cu)	0.001%
Other Impurities	0.002%

Available Sizes

Sr.No.	Particle Sizes	% of Particle Size
1	-100 mesh, +100 mesh	95 % min, 5% max
2	-200 mesh, +200 mesh	95 % min, 5% max
3	-325 mesh, +325 mesh	95 % min, 5% max
4	-500 mesh, +500 mesh	90 % min, 10% max

Available Packages

5 Kg	Plastic Container/ Steel container
10 Kg	Plastic Container/ Steel container
25 Kg	Plastic Container/ Steel container

Contact us for technical support to specify the best bismuth to meet your assembly requirements

Jaytee Alloys and Components Ltd.

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For Technical Clarification

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