

It occurs massive and disseminated.

It is glimmering and glistening when the fracture is fine and small-grained uneven; shining when it is foliated; and dull when it is earthy. Its lustre is adamantine.

The fracture is fine and small-grained uneven, which passes on the one side into foliated, on the other into earthy.

The fragments are indeterminate angular, and rather blunt-edged.

It is opaque.

It is soft and very soft, verging on friable.

It is rather brittle.

It is easily frangible.

It is heavy.

Specific gravity, 4.3711, *Brisson*.

Chemical Characters.

Before the blowpipe, on charcoal, it is easily reduced, but is also volatilised if the heat be continued. It dissolves with effervescence in acids, and the solution is decomposed by means of water, when a white precipitate is formed.

Constituent Parts.

Oxide of Bismuth,	-	86.3
Oxide of Iron,	- -	5.2
Carbonic Acid,	- -	4.1
Water,	- - -	3.4
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		99.0

Lampadius, Handb. z. Chem.
Annal. s. 286.

Geognostic