

cent and semitransparent, often even inclining to transparent; the intermediate varieties are only translucent and translucent on the edges.

It yields a greyish-white streak.

It is hard.

It is easily frangible.

It is brittle.

It is uncommonly heavy.

Specific gravity, 6.300 to 6.989, *Gellert*; 6.750, *Brunnich*; 6.880, *Leysser*; 6.9009, the black, 6.9348, the red, *Brisson*; 5.845 to 6.970, *Klaproth*.

#### Chemical Characters.

Before the blowpipe it decrepitates, and becomes paler; when finely pounded, it is reducible on charcoal by the continued action of the blowpipe, to the metallic state. Acids dissolve the iron it contains, but only a very minute portion of the tin.

#### Constituent Parts.

	From Alternon.	Schlackenwald.	Ehrenfriedersdorf.
Tin,	77.50	75.00	68
Iron,	0.25	0.50	9
Oxygen,	21.50	24.50	16
Silica,	0.75	--	7
	<hr/> 100	<hr/> 100	<hr/> 100
	<i>Klaproth, Beit. b. ii. s. 256.</i>		<i>Lampadius.</i>

		Zinwald.
Oxide of Tin,	94.50	97.15
Oxide of Iron,	1.00	00.35
Oxide of Manganese,	0.50	
Silica,	1.00	2.50
Alumina,	3.00	<hr/> 100

*John, Chem. Unters.*  
b. ii. s. 242.

*Kastner, Beit. zu Begründung*  
einer Wissench. Chem. b.  
s. 26.

*Geognostic*