

Stibiocolumbite - Stibiotantalite - $\text{Sb}(\text{Ta},\text{Nb})\text{O}_4$

Hardness: 5.5. Cleavage: Distinct/good. Inert to acids except when finely powdered.

A group of minerals varying in Nb/Ta content whose similar chemistry suggests similar chemical and physical properties. Data given here for stibiotantalite.

References

Mindat: <https://www.mindat.org/min-3739.html>

Handbook of Mineralogy: <http://www.handbookofmineralogy.org/pdfs/stibiotantalite.pdf>

Sinkankas, J. (1972) Gemstone & Mineral Data Book, 346 p. Winchester Press, New York.