

Chalcothallite - $\text{Tl}_2(\text{Cu,Fe})_6\text{SbS}_4$

Hardness: 2–2.5. Cleavage: Perfect. Likely to be toxic. Likely to be sensitive to HNO_3 or NH_3 .
Tarnishes in air.

References

Mindat: <https://www.mindat.org/min-978.html>

Handbook of Mineralogy: <https://www.handbookofmineralogy.org/pdfs/chalcothallite.pdf>

Duthaler, R. and Weiß, S. (2024) Mineral Cleaning for Collectors, 3rd Edition, 190 p. Duthaler, Switzerland.