

## **Zinkenite - $\text{Pb}_9\text{Sb}_{22}\text{S}_{42}$**

Hardness: 3 - 3.5. Cleavage: Poor/indistinct. Dissolves in hot HCl. Attacked by other acids. Tolerates alcohol or acetone. Fibrous material may mat in water; clean only with organic solvents.

### References

Mindat: <https://www.mindat.org/min-4417.html>

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

Hardinger, S. (2025) Mineral Specimen Cleaning and Development for the Amateur, 339 p.

Rohner, T. (2000) Properly clean minerals online cleaning book.

[www.strahlen.org/stepbystep/mineralien-reinigung2.pdf](http://www.strahlen.org/stepbystep/mineralien-reinigung2.pdf). In German.

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