

Zincite - ZnO

Hardness: 4. Cleavage: Perfect. Brittle; cleavable. Insoluble in water. Dissolves in HCl and boiling saturated citric acid (although this acid has been recommended to remove calcite). Attacked by other acids. Soluble in alkalis. Insoluble in NH₃ or ethanol.

References

Mindat: <https://www.mindat.org/min-4410.html>

Handbook of Mineralogy: <https://www.handbookofmineralogy.org/pdfs/zincite.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. In German.

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

Weast, R., Ed. (1982) CRC Handbook of Chemistry and Physics, 2380 p., CRC Press, Inc., Cleveland.