

Descloizite - $\text{PbZn}(\text{VO}_4)(\text{OH})$

Hardness: 3 - 3.5. Cleavage: None observed. Rapidly attacked by acids. Soluble in HNO_3 with loss of luster. Tolerates sonication and all dithionite recipes. Quickly forms a tan coating with NH_4HF_2 .

References

Mindat: <https://www.mindat.org/min-1267.html>

Handbook of Mineralogy: <https://www.handbookofmineralogy.org/pdfs/descloizite.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.