

Zirkelite - (Ca,Th,Ce)Zr(Zr, Ti)₂O₇

Hardness: 5.5. Cleavage: None observed. May be radioactive. Wight indicates water sensitive and Rohner indicates soluble in water, both of which are likely in error. Excellent chemical resistance.

References

Mindat: <https://www.mindat.org/min-4425.html>

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

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.

Wight, Q. (1993) The Complete Book of Micromounting, 281 p. Mineralogical Record, Tucson, Arizona.