

Zoisite - $\text{Ca}_2\text{Al}_3(\text{SiO}_4)(\text{Si}_2\text{O}_7)\text{O}(\text{OH})$

Hardness: 6 - 7. Cleavage: Perfect. Treat like epidote. Tolerates Iron OUT/EDTA and hot oxalic acid. One author recommends against sonication of the tanzanite variety.

Varieties/related species (treat same as zoisite): Tanzanite

References

Mindat: <https://www.mindat.org/min-4430.html>

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

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

Macleod, H. (1970) The amateur lapidary. Rocks & Minerals, 45 (12), 755–756.

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