

Krettnichite - $\text{PbMn}^{3+}_2(\text{VO}_4)_2(\text{OH})_2$

Hardness: 4.5. Cleavage: Very good. Sensitive to alkalis.

References

Mindat: <https://www.mindat.org/min-7059.html>

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

Duthaler, R. and Weiß, S. (2024) Mineral Cleaning for Collectors, 3rd Edition, 190 p. Duthaler, Switzerland.