

Kostylevite - $\text{K}_2\text{Zr}(\text{Si}_3\text{O}_9) \cdot \text{H}_2\text{O}$

Hardness: 5. Cleavage: Perfect. Very sensitive to HCl. May be attacked by H_2SO_4 or oxalic acid.

References

Mindat: <https://www.mindat.org/min-2261.html>

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

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