

Klyuchevskite - $\text{K}_3\text{Cu}_3(\text{Fe}^{3+},\text{Al})(\text{SO}_4)_4\text{O}_2$

Hardness: 3.5. Cleavage: Perfect. Water sensitive/soluble and therefore intolerant of any aqueous treatment. Likely sensitive to NH_3 . Hygroscopic; store in sealed container with desiccant.

References

Mindat: <https://www.mindat.org/min-2227.html>

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

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