

Kryzhanovskite - $(\text{Fe}^{3+}, \text{Mn}^{2+})_3(\text{PO}_4)_2(\text{OH}, \text{H}_2\text{O})_3$

Hardness: 3.5–4. Cleavage: Perfect. Attacked by HCl, H₂SO₄ or oxalic acid. May sensitive to all acids to some extent.

References

Mindat: <https://www.mindat.org/min-2281.html>

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

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