

Wyllieite - (Na,Ca,Mn)(Mn,Fe)(Fe,Mg)Al(PO₄)₃

Hardness: 4–4.5. Cleavage: Perfect. Very brittle. Attacked by HCl, H₂SO₄ or oxalic acid. May be sensitive to all acids to some extent.

References

Mindat: <https://www.mindat.org/min-4321.html>

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

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