

Polyphite - $\text{Na}_5(\text{Na}_4\text{Ca}_2)\text{Ti}_2(\text{Si}_2\text{O}_7)(\text{PO}_4)_3\text{O}_2\text{F}_2$

Hardness: No data. Cleavage: Perfect. Brittle. Very sensitive to HCl. Attacked by H_2SO_4 or oxalic acid. May be sensitive to all acids to some extent.

References

Mindat: <https://www.mindat.org/min-3262.html>

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

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