

Vantasselite - $\text{Al}_4(\text{PO}_4)_3(\text{OH})_3 \cdot 9\text{H}_2\text{O}$

Hardness: 2–2.5. Cleavage: Perfect. Attacked by HCl, H_2SO_4 or oxalic acid. May be sensitive to all acids to some extent. Very sensitive to alkalis.

References

Mindat: <https://www.mindat.org/min-4150.html>

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

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