

Palenzonaite - $(\text{NaCa}_2)\text{Mn}^{2+}_2(\text{VO}_4)_3$

Hardness: 5–5.5. Cleavage: None observed. Brittle. Attacked by HCl, H₂SO₄ or oxalic acid.

References

Mindat: <https://www.mindat.org/min-3065.html>

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

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