

Penfieldite - $\text{Pb}_2\text{Cl}_3(\text{OH})$

Hardness: 3 - 4. Cleavage: Distinct/good. Decomposed by prolonged contact with water, most rapidly when hot. Poorly soluble in water. Easily attacked by acids. Soluble in HNO_3 .

References

Mindat: <https://www.mindat.org/min-3146.html>

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

Hardinger, S. (2025) Mineral Specimen Cleaning and Development for the Amateur, 339 p.

Sinkankas, J. (1972) Gemstone & Mineral Data Book, 346 p. Winchester Press, New York.

Wight, Q. (1993) The Complete Book of Micromounting, 281 p. Mineralogical Record, Tucson, Arizona.