

Cylindrite - $\text{Pb}_3\text{Sn}_4\text{FeSb}_2\text{S}_{14}$

Hardness = 2.5. Cleavage: Perfect. Tolerates sonication. Attacked by hot HCl or HNO_3 . Stable to other acids. Stable to NH_4HF_2 in which some samples are brightened.

References

Mindat: <https://www.mindat.org/min-1204.html>

Handbook of Mineralogy: <https://www.handbookofmineralogy.org/pdfs/cylindrite.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.