

Boleite - $\text{KPb}_{26}\text{Ag}_9\text{Cu}_{24}(\text{OH})_{48}\text{Cl}_{62}$

Hardness = 3 - 3.5. Cleavage: Perfect. Often on a soft, crumbly matrix from which it is easily dislodged. Stabilized/repaired samples common; these may disintegrate in water. Darkens on exposure to dithionite. Soluble in concentrated HNO_3 . Inert to water.

References

Mindat: <https://www.mindat.org/min-712.html>

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