

Bournonite - PbCuSbS_3

Hardness = 2.5 - 3. Cleavage: Imperfect/fair. Brittle. Acicular crystals may mat in water so rinse in alcohol or acetone instead. Decomposed in acids, most effectively in hot concentrated HCl. Tolerates Iron OUT/EDTA.

References

Mindat: <https://www.mindat.org/min-741.html>

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