Austinite - $CaZn(AsO_4)(OH)$

Hardness: 4–4.5. Cleavage: Distinct/good. Brittle. Soluble in acids. Avoid soaps and detergents. Barthite variety tolerates sonication.

References

Mindat: https://www.mindat.org/min-432.html

Handbook of Mineralogy: https://www.handbookofmineralogy.org/pdfs/austinite.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.