

Babingtonite - $\text{Ca}_2\text{Fe}^{2+}\text{Fe}^{3+}\text{Si}_5\text{O}_{14}(\text{OH})$

Hardness = 5.5 - 6. Cleavage: Perfect. Excellent resistance to acids. Tolerates sonication. Some samples are actually babingtonite over a friable limonite core; any attempt at cleaning causes disintegration.

References

Mindat: <https://www.mindat.org/min-478.html>

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