

Benitoite - BaTi(Si₃O₉)

Hardness = 6 - 6.5. Cleavage: Poor/indistinct. Resists HCl at any concentration for extended periods. Tolerates all dithionite derusting recipes as well as NH₄HF₂.

References

Mindat: <https://www.mindat.org/min-624.html>

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