

Catapleiite - $\text{Na}_2\text{Zr}(\text{Si}_3\text{O}_9) \cdot 2\text{H}_2\text{O}$

Hardness = 5.5 - 6. Cleavage: Perfect. Rapidly dissolves in HCl with gel formation.

References

Mindat: <https://www.mindat.org/min-919.html>

Handbook of Mineralogy: <https://www.handbookofmineralogy.org/pdfs/catapleiite.pdf>

Sinkankas, J. (1972) Gemstone & Mineral Data Book, 346 p. Winchester Press, New York.