

Götzenite (Goetzenite) - $\text{NaCa}_6\text{Ti}(\text{Si}_2\text{O}_7)_2\text{OF}_3$

Hardness: 5.5 - 6. Cleavage: Perfect. Readily soluble in hot dilute HCl.

References

Mindat: <https://www.mindat.org/min-1760.html>

Handbook of Mineralogy: <http://www.handbookofmineralogy.org/pdfs/gotzenite.pdf>

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