

Hiortdahlite - $\text{Na}_2\text{Ca}_4(\text{Ca}_{0.5}\text{Zr}_{0.5})\text{Zr}(\text{Si}_2\text{O}_7)_2\text{OF}_3$

Hardness: 5 - 5.5. Cleavage: Distinct/good. Soluble in acids with gel formation.

References

Mindat: <https://www.mindat.org/min-1909.html>

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

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