

Seidozerite - $\text{Na}_4\text{MnZr}_2\text{Ti}(\text{Si}_2\text{O}_7)_2\text{O}_2\text{F}_2$

Hardness: 4 - 5. Cleavage: Perfect. Soluble in HCl with difficulty.

References

Mindat: <https://www.mindat.org/min-3607.html>

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

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