

Burpalite - $\text{Na}_2\text{CaZr}(\text{Si}_2\text{O}_7)\text{F}_2$

Hardness: 5–6. Cleavage: No observed. Brittle. Attacked by HCl. May be sensitive to oxalic acid.

References

Mindat: <https://www.mindat.org/min-806.html>

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

Duthaler, R. and Weiß, S. (2024) Mineral Cleaning for Collectors, 3rd Edition, 190 p. Duthaler, Switzerland.