

Umbite - $\text{K}_2(\text{Zr,Ti})\text{Si}_3\text{O}_9 \cdot \text{H}_2\text{O}$

Hardness: 4.5. Cleavage: Perfect. Attacked by HCl.

References

Mindat: <https://www.mindat.org/min-4091.html>

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

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