

Tiptopite - $\text{K}_2(\text{Na,Ca})_2\text{Li}_3\text{Be}_6(\text{PO}_4)_6(\text{OH})_2 \cdot \text{H}_2\text{O}$

Hardness: 3.5. Cleavage: None observed. Brittle. Attacked by HCl. May be sensitive to all acids to some extent.

References

Mindat: <https://www.mindat.org/min-3973.html>

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

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