

# **Trolleite - $\text{Al}_4(\text{PO}_4)_3(\text{OH})_3$**

Hardness: 5.5–6. Cleavage: Poor/indistinct. Brittle. Attacked by HCl or H<sub>2</sub>SO<sub>4</sub>. May be sensitive to all acids to some extent.

## References

Mindat: <https://www.mindat.org/min-4030.html>

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

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