

Penkvilksite - $\text{Na}_4\text{Ti}_2\text{Si}_8\text{O}_{22} \cdot 4\text{H}_2\text{O}$

Hardness: 5. Cleavage: No data. Attacked by HCl.

References

Mindat: <https://www.mindat.org/min-3149.html>

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

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