

Carletonite - $\text{KNa}_4\text{Ca}_4\text{Si}_8\text{O}_{18}(\text{CO}_3)_4(\text{OH},\text{F})\cdot\text{H}_2\text{O}$

Hardness: 4–4.5. Cleavage: Perfect. Attacked by HCl, H₂SO₄ or oxalic acid. May be sensitive to other acids.

References

Mindat: <https://www.mindat.org/min-898.html>

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

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