

Fillowite - $\text{Na}_3\text{CaMn}^{2+}_{11}(\text{PO}_4)_9$

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

References

Mindat: <https://www.mindat.org/min-1549.html>

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

Sinkankas, J. (1972) Gemstone & Mineral Data Book, 346 p. Winchester Press, New York.