

Chalcophyllite - $\text{Cu}_{18}\text{Al}_2(\text{AsO}_4)_4(\text{SO}_4)_3(\text{OH})_{24} \cdot 36\text{H}_2\text{O}$

Hardness = 2. Cleavage: Perfect. Fragile. Soluble in acids and NH_3 .

References

Mindat: <https://www.mindat.org/min-979.html>

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

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