

Spangolite - $\text{Cu}_6\text{Al}(\text{SO}_4)(\text{OH})_{12}\text{Cl}\cdot 3\text{H}_2\text{O}$

Hardness: 3. Cleavage: Perfect. Stable to water. Rapidly attacked by dilute acids.

References

Mindat: <https://www.mindat.org/min-3721.html>

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

Hardinger, S. (2025) Mineral Specimen Cleaning and Development for the Amateur, 339 p.

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