

Amarantite - $\text{Fe}^{3+}_2(\text{SO}_4)_2\text{O} \cdot 7\text{H}_2\text{O}$

Hardness = 2.5. Cleavage: Perfect. Attacked by water. Soluble in dilute HCl.

References

Mindat: <https://www.mindat.org/min-182.html>

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

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