Pyrosmalite group - $Fe^{2+}_8Si_6O_{15}(OH,Cl)_{10}$

Hardness: 4.5. Cleavage: No data. Soluble in HCl with gel formation.

A group of related minerals in which Fe^{2+} and Mn^{2+} may substitute. Members are expected to have similar physical and chemical properties. Formula given here is for the Fe end member, pyrosmalite-(Fe).

References

Mindat: https://www.mindat.org/min-8865.html

Handbook of Mineralogy: https://www.handbookofmineralogy.org/pdfs/pyrosmalite-Fe.pdf

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