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

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

A solution series in which Fe^{2+} and Mn^{2+} may substitute. All series 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

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