

Chondrodite - $\text{Mg}_5(\text{SiO}_4)_2\text{F}_2$

Hardness = 6 - 6.5. Cleavage: Poor/indistinct. Commonly fractured and thus may disintegrate under sonication. Slowly attacked by HCl with gel formation. Soluble in hot concentrated H_2SO_4 .

References

Mindat: <https://www.mindat.org/min-1027.html>

Handbook of Mineralogy: <https://www.handbookofmineralogy.org/pdfs/chondrodite.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.