

Violarite - $\text{Fe}^{2+}\text{Ni}^{3+}_2\text{S}_4$

Hardness: 4.5 - 5.5. Cleavage: Perfect. Attacked by HNO_3 . Inert to HCl . Tarnishes easily.

References

Mindat: <https://www.mindat.org/min-4187.html>

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

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