

Astrophyllite - $\text{K}_2\text{NaFe}^{2+}_7\text{Ti}_2\text{Si}_8\text{O}_{26}(\text{OH})_4\text{F}$

Hardness = 3. Cleavage: Perfect. Slowly attacked by concentrated H_2SO_4 or HCl ; forms a gel with the latter.

References

Mindat: <https://www.mindat.org/min-405.html>

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

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