

Uranophane - $\text{Ca}(\text{UO}_2)_2(\text{SiO}_3\text{OH})_2 \cdot 5\text{H}_2\text{O}$

Hardness: 2 - 3. Cleavage: Perfect. Radioactive. Attacked by acids; soluble in HCl with gel formation. Tolerates pure water, alcohol and acetone.

References

Mindat: <https://www.mindat.org/min-4107.html>

Handbook of Mineralogy: <https://www.handbookofmineralogy.org/pdfs/uranophane-alpha.pdf>

Hardinger, S. (2025) Mineral Specimen Cleaning and Development for the Amateur, 399 p.

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