

Thorite - Th(SiO₄)

Hardness: 4.5. Cleavage: None observed. Radioactive. Very slowly soluble in HCl with gel formation. Weast reports very slight solubility in water, but this is doubtful. Insoluble in ethanol.

References

Mindat: <https://www.mindat.org/min-3946.html>

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

Weast, R., Ed. (1982) CRC Handbook of Chemistry and Physics, 2380 p., CRC Press, Inc., Cleveland.