

Thorianite - ThO₂

Hardness: 6.5 - 7. Cleavage: Poor/indistinct. Radioactive. Insoluble in water, alkalis and ethanol. Soluble in concentrated HNO₃ or hot H₂SO₄. Insoluble in HCl (suitable to remove calcite) and other dilute acids.

References

Mindat: <https://www.mindat.org/min-3944.html>

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

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

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