

Ferberite - FeWO_4

Hardness: 4 - 4.5. Perfect. Fragile; brittle. Tolerates sonication. Tolerates Iron OUT/EDTA without luster loss. Slightly corroded by hot alkali/TKPP. Slightly attacked by hot, concentrated acids.

A solution series, for which ferberite - FeWO_4 and hübnerite - MnWO_4 are the end members. Material of indeterminate or intermediate composition is sometimes called wolframite (treat as ferberite).

Varieties/related species (treat same as ferberite): Hübnerite, wolframite, reinite

References

Mindat: <https://www.mindat.org/min-1476.html>

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

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www.strahlen.org/stepbystep/mineralien-reinigung2.pdf. In German.

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