

Ilmenite - $\text{Fe}^{2+}\text{TiO}_3$

Hardness: 5 - 6. Cleavage: None observed. Very slowly attacked by hot concentrated HCl.

Enclosing calcite removed with dilute HCl with no risk to ilmenite.

References

Mindat: <https://www.mindat.org/min-2013.html>

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

Rohner, T. (2000) Properly clean minerals online cleaning book.

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

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