Geikielite - $MgTiO_3$

Hardness: 5–6. Cleavage: Distinct/good. Insoluble in water. Slightly attacked by hot HCl. Treat as ilmenite.

References

Mindat: https://www.mindat.org/min-1670.html

Handbook of Mineralogy: https://www.handbookofmineralogy.org/pdfs/geikielite.pdf

Crawford, J. (2009) Solubility data on 646 common and not so common minerals. www.mindat.org/article.php/553/

Deeson, A., Ed. (1973) The Collector's Encyclopedia of Rocks & Minerals, 288 p. Clarkson N. Potter, Inc., New York.

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