

Jacobsite - $\text{Mn}^{2+}\text{Fe}^{3+}_2\text{O}_4$

Hardness: 5.5 - 6.5. Cleavage: No data. Slowly attacked by HCl.

References

Mindat: <https://www.mindat.org/min-2061.html>

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

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