

Mélonjosephite - $\text{CaFe}^{2+}\text{Fe}^{3+}(\text{PO}_4)_2(\text{OH})$

Hardness: 5. Cleavage: Distinct/good. Brittle. Attacked by HCl, H₂SO₄ or oxalic acid. May be sensitive to all acids to some extent.

References

Mindat: <https://www.mindat.org/min-2640.html>

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

Duthaler, R. and Weiß, S. (2024) Mineral Cleaning for Collectors, 3rd Edition, 190 p. Duthaler, Switzerland.