

Bermanite - $\text{Mn}^{2+}\text{Mn}^{3+}_2(\text{PO}_4)_2(\text{OH})_2 \cdot 4\text{H}_2\text{O}$

Hardness = 3.5. Cleavage: Perfect. Soluble in HNO_3 .

References

Mindat: <https://www.mindat.org/min-634.html>

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

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