

Maghagendorfite - $(\text{Na}, \square)\text{MgMn}^{2+}(\text{Fe}^{2+}, \text{Fe}^{3+})_2(\text{PO}_4)_3$

Hardness: 4.5. Cleavage: Distinct/good. Attacked by HCl, H₂SO₄ or oxalic acid. May be sensitive to all acids to some extent.

References

Mindat: <https://www.mindat.org/min-2532.html>

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

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