

Kotoite - $\text{Mg}_3[\text{BO}_3]_2$

Hardness: 6.5. Cleavage: Perfect. Brittle. Insoluble to very slightly soluble in water (the octahydrate; anhydrous material expected to be similar). Attacked by H_2SO_4 or concentrated HCl .

References

Mindat: <https://www.mindat.org/min-2262.html>

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

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

Weast, R., Ed. (1982) CRC Handbook of Chemistry and Physics, 63rd Edition, 2380 p., CRC Press, Inc., Cleveland.