

Ramsdellite - Mn^{4+}O_2

Hardness: 3. Cleavage: Distinct/good. Dust is toxic if inhaled. Insoluble in water. Soluble in HCl. Insoluble in HNO_3 . Insoluble in acetone; very likely insoluble in other organic solvents (methanol, ethanol, isopropanol).

References

Mindat: <https://www.mindat.org/min-3359.html>

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

King, R. (1986) The care of minerals section 3B: The curation of minerals. Journal of the Russell Society, 1 (4), 129–148. <https://www.mindat.org/jrs/JRS%20Vol%2001-4.pdf>

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