

Rhodonite - $\text{CaMn}_3\text{Mn}[\text{Si}_5\text{O}_{15}]$

Hardness: 5.5 - 6.5. Cleavage: Perfect. Brittle; easily cleaved. Insoluble in water. Slightly attacked by (some references state insoluble in) dilute HCl; higher concentrations more aggressive. Causes dull crystal faces in some specimens and may leave a deposit of black MnO_2 . Completely decomposed by saturated citric acid. Highly sensitive to other acids.

Varieties/related species (treat same as rhodonite): Fowlerite.

References

Mindat: <https://www.mindat.org/min-3407.html>

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

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

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