

Synchysite group - $\text{CaCe}(\text{CO}_3)_2\text{F}$

Hardness: 4.5. Cleavage: No data. Readily soluble in acids but less sensitive than calcite or strontianite.

A group of similar minerals differing in their REE substitution; expected to have similar chemical and physical properties. Data given here for synchysite-(Ce). Doverite is a synonym for synchysite-(Y).

References

Mindat: <https://www.mindat.org/min-7450.html>

Handbook of Mineralogy: <https://www.handbookofmineralogy.org/pdfs/synchysite-Ce.pdf>

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