

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

Hardness: 4.5. Cleavage: Distinct/good. Inert to cold dilute acids but attacked by hot concentrated acids. Tolerates any dithionite recipe. Some samples are limonite pseudomorphs which should be treated as limonite.

A group of similar minerals expected to have similar physical and chemical properties. Data given here is for parisite-(Ce).

References

Mindat: <https://www.mindat.org/min-7403.html>

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

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