

Cordylite group (Baiyuneboite) - (Na,Ca)Ba(La,Ce,Sr)₂(CO₃)₄F

Hardness: 4. Cleavage: Perfect. Insoluble in water. Partially decomposed by acids. Soluble in HCl.
May be sensitive to alkalis.

A series of related minerals with varying amounts of La and Ce, expected to have similar physical and chemical properties. Data is given for cordylite-(La).

References

Mindat: <https://www.mindat.org/min-41169.html>

Handbook of Mineralogy: <https://www.handbookofmineralogy.org/pdfs/cordylite-La.pdf>

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

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