

Gagarinite group - NaCaYF₆

Hardness: 4.5. Cleavage: Distinct/good. Decomposes in water. Readily decomposed in HNO₃, HCl or concentrated H₂SO₄.

A group of minerals whose members are expected to have similar properties. Data given here is for gagarinite-Y.

References

Mindat: <https://www.mindat.org/min-1629.html>

Handbook of Mineralogy: <https://handbookofmineralogy.org/pdfs/gagarinite-Y.pdf>

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