

Thomsonite group - $\text{NaCa}_2[\text{Al}_5\text{Si}_5\text{O}_{20}] \cdot 6\text{H}_2\text{O}$

Hardness: 5 - 5.5. Cleavage: Perfect. Soluble in HCl with gel formation. Attacked to some extent by other acids including citric acid.

A group of similar zeolite minerals expected to have similar physical and chemical properties. Data given here is for thomsonite-Ca (synonyms echellite, lintonite), the most abundant group member.

References

Mindat: <https://www.mindat.org/min-3941.html>

Handbook of Mineralogy: <https://www.handbookofmineralogy.org/pdfs/Thomsonite-Ca.pdf>

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