

Beidellite - $(\text{Na}, \text{Ca}_{0.5})_{0.3}\text{Al}_2((\text{Si}, \text{Al})_4\text{O}_{10})(\text{OH})_2 \cdot n\text{H}_2\text{O}$

Hardness: 1–2. Cleavage: Perfect. Porous; may absorb water then crack and disintegrate upon drying.

References

Mindat: <https://www.mindat.org/min-604.html>

Handbook of Mineralogy: <https://www.handbookofmineralogy.org/pdfs/beidellite.pdf>

Pearl, R. (1982) Cleaning and Preserving Minerals, Fifth Revised Edition, 87 p. Earth Science Publishing Company, Colorado Springs.