

Karchevskyite - $\text{Mg}_{18}\text{Al}_9(\text{OH})_{54}\text{Sr}_2(\text{CO}_3)_9(\text{H}_2\text{O})_6(\text{H}_3\text{O})_5$

Hardness: 2. Cleavage: Perfect. Soluble in 5–10% HCl with effervescence. May be sensitive to all other acids to some extent.

References

Mindat: <https://www.mindat.org/min-27438.html>

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

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