

Osumilite - $\text{K} \square_2 \text{Fe}^{2+} \text{Al}_3 [\text{Al}_2 \text{Si}_{10} \text{O}_{30}]$

Hardness: 5–6. Cleavage: Poor/indistinct. Brittle. Attacked by HCl or H₂SO₄. May be sensitive to oxalic acid.

References

Mindat: <https://www.mindat.org/min-3039.html>

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

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