

Sugilite - $\text{KNa}_2\text{Fe}^{3+}_2\text{Li}_3[\text{Si}_{12}\text{O}_{30}]$

Hardness: 5.5–6.5. Cleavage: Poor/indistinct. Attacked by HCl or H₂SO₄. May be sensitive to oxalic acid.

References

Mindat: <https://www.mindat.org/min-3822.html>

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

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