

Smirnite - $\text{Bi}_2\text{Te}^{4+}\text{O}_5$

Hardness: 3.5–4. Cleavage: Perfect. Brittle. Attacked by HCl or H_2SO_4 .

References

Mindat: <https://www.mindat.org/min-3686.html>

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

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