

Phlogopite - $\text{KMg}_3(\text{AlSi}_3\text{O}_{10})(\text{OH})_2$

Hardness: 2 - 3. Cleavage: Perfect. Treat as a micaceous mineral. Slowly decomposed by warm concentrated H_2SO_4 or boiling saturated citric acid.

References

Mindat: <https://www.mindat.org/min-3193.html>

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

Hardinger, S. (2025) Mineral Specimen Cleaning and Development for the Amateur, 339 p.

Rohner, T. (2000) Properly clean minerals online cleaning book.

www.strahlen.org/stepbystep/mineralien-reinigung2.pdf. In German.

Sinkankas, J. (1972) Gemstone & Mineral Data Book, 346 p. Winchester Press, New York.