

Mullite - $\text{Al}_{4+2x}\text{Si}_{2-2x}\text{O}_{10-x}$

Hardness: 6 - 7. Cleavage: Distinct/good. May be sensitive to sonication. Insoluble in water and acids.

References

Mindat: <https://www.mindat.org/min-2806.html>

Handbook of Mineralogy: <https://www.handbookofmineralogy.org/pdfs/mullite.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.

Weast, R., Ed. (1982) CRC Handbook of Chemistry and Physics, 2380 p., CRC Press, Inc., Cleveland.