

Dumortierite - $\text{Al}(\text{Al}_2\text{O})(\text{Al}_2\text{O})_2(\text{SiO}_4)_3(\text{BO}_3)$

Hardness: 7 - 8. Cleavage: Distinct/good. Excellent chemical stability. (Rohner reports sensitivity to all acids.) Derust with any dithionite recipe or hot oxalic acid.

References

Mindat: <https://www.mindat.org/min-1329.html>

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