

Gahnite - ZnAl_2O_4

Hardness: 7.5 - 8. Cleavage: Indistinct. Insoluble in water. Inert to cold acids. Very slightly attacked by hot concentrated H_2SO_4 . Slightly soluble in alkalis. Insoluble in ethanol or acetone.

References

Mindat: <https://www.mindat.org/min-1632.html>

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

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.

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