Bauxite - Variable composition

Hardness: Variable. Cleavage: likely none. Insoluble in water, HCl, HNO_3 or H_2SO_4.

References

Mindat: https://www.mindat.org/min-575.html

Crawford, J. (2009) Solubility data on 646 common and not so common minerals. www.mindat.org/article.php/553/

Kipfer, A. (1972) The Micromounter, 211 p. Ott Verlag Thun, Switzerland. In German.