

Anglesite - PbSO_4

Hardness = 2.5 - 3. Cleavage: Distinct/good. Soft, easily scratched. Brittle. Slightly soluble in concentrated acids which may deluster crystal faces. Avoid NH_3 . Slightly soluble in ammonium citrate or ammonium acetate. Slowly soluble in HNO_3 . Etched by EDTA. White coating formed within 24 hours with NH_4HF_2 . Pale to colorless anglesite turns yellow to red when treated with bleach.

References

Mindat: <https://www.mindat.org/min-233.html>

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

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

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

Weise, C. (1984) Red anglesites from Morocco. LAPIS, 9(4), 34–35. In German.