

Ianthinite - $\text{U}^{4+}(\text{UO}_2)_5\text{O}_7 \cdot 10\text{H}_2\text{O}$

Hardness: 2–3. Cleavage: Perfect. Radioactive. Limited stability; may dehydrate readily; store in sealed container. Photosensitive; purple color may become greenish yellow.

References

Mindat: <https://www.mindat.org/min-2000.html>

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

Hargis, P. (2008) Light Sensitive Minerals List. www.mindat.org/mesg-115692.html

Howie, F., Ed. (1992) The Care and Conservation of Geological Material, 138 p. Routledge, London.

King, R. (1985) The care of minerals section 3A: The curation of minerals. Journal of the Russell Society, 1 (3), 94–113. <https://www.mindat.org/jrs/JRS%20Vol%2001-3.pdf>