

Troilite - FeS

Hardness: 3.5 - 4.5. Cleavage: None observed. Treat as pyrrhotite. Insoluble in cold water; decomposed by hot water. Soluble in dilute acids. Insoluble in NH₃.

References

Mindat: <https://www.mindat.org/min-4029.html>

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

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

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