

Smythite - $(\text{Fe,Ni})_{3+x}\text{S}_4$ (x=0-0.3)

Hardness: 4.5. Cleavage: Perfect. Attacked by HNO_3 and HCl .

References

Mindat: <https://www.mindat.org/min-3691.html>

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

Rohner, T. (2000) Properly clean minerals online cleaning book.

www.strahlen.org/stepbystep/mineralien-reinigung2.pdf. In German.