

Gersdorffite - $\text{Cu}_{13}\text{Fe}_2\text{Ge}_2\text{S}_{16}$

Hardness: 5.5. Cleavage: Perfect. Nearly inert to all acids except warm HNO_3 or HCl . Decomposition may be initiated by moisture; keep dry and store in sealed container with desiccant. Clean only with mechanical methods or anhydrous organic solvents (acetone, ethyl alcohol or isopropyl alcohol of the highest possible concentration; 99 - 100% preferred).

References

Mindat: <https://www.mindat.org/min-1683.html>

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

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

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

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

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