

Malachite - $\text{Cu}_2(\text{CO}_3)(\text{OH})_2$

Hardness: 3.4 - 4. Cleavage: Perfect. Insoluble in cold water. Decomposed very slowly by hot water. Overall moderate resistance to acids but rapidly dissolves in some acids with effervescence. Avoid acetic acid. Slightly soluble in aqueous CO_2 . Attacked by NH_3 . Avoid detergents, soaps and any alkaline cleaning solutions. Avoid dithionite; forms metallic copper precipitate withing minutes with Iron OUT. Insoluble in ethanol.

References

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