

Refikite - C₂₀H₃₂O₂

Hardness: 1. Cleavage: None observed. Very brittle. Likely insoluble in water. Duthaler posits this mineral may be sensitive to acetic acid, formic acid, tartaric acid, citric acid, but this doubtful except for pure (glacial) acetic or pure (anhydrous) formic acid in which it may be soluble. Sensitive to strong alkalis. Likely some solubility in all organic solvents. Likely tolerant to dithionite.

References

Mindat: <https://www.mindat.org/min-3384.html>

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

Duthaler, R. and Weiß, S. (2024) Mineral Cleaning for Collectors, 3rd Edition, 190 p. Duthaler, Switzerland.