

Phenakite (Phenacite) - Be_2SiO_4

Hardness: 7.5 - 8. Cleavage: Distinct/good. Sensitive to thermal shock damage. Excellent chemical resistance. Insoluble in all common mineral cleaning acids (but Rohner reports sensitivity to H_2SO_4). Tolerates any dithionite recipe or oxalic acid.

References

Mindat: <https://www.mindat.org/min-3188.html>

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

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

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