

Petrified Wood - ~ SiO₂

Hardness: Varies with composition; probably ~ 7. Cleavage: None observed. Assume physical and chemical properties similar to [agate](#), [chalcedony](#) or [jasper](#). Excellent chemical resistance. Most frequently colorfast but some samples may be bleached by dithionite, oxalic acid or laundry bleach.

References

Mindat: <https://www.mindat.org/min-8018.html>

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

Sinkankas, J. (1970) Prospecting for Gemstones and Minerals, 397 p. Van Nostrand Reinhold Company, New York.

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