

Periclase - MgO

Hardness: 5.5. Cleavage: Perfect. Insoluble to very slightly soluble in water. Soluble in dilute HNO₃, dilute HCl or other acids. Insoluble in ethanol or acetone. Bright surfaces dulled on prolonged exposure to atmospheric moisture; store in sealed container over desiccant.

References

Mindat: <https://www.mindat.org/min-3161.html>

Handbook of Mineralogy: <https://www.handbookofmineralogy.org/pdfs/periclase.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.