Spessartine - $Mn^{2+}_3Al_2(SiO_4)_3$

Hardness: 6.5 - 7.5. Cleavage: No data. Excellent acid resistance. Tolerates all dithionite recipes. Slow mass loss when treated with NH_4HF_2 but luster and sharp crystal edges retained.

References

Mindat: https://www.mindat.org/min-3725.html

Handbook of Mineralogy: https://www.handbookofmineralogy.org/pdfs/spessartine.pdf

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

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