

Mazzite group - $(\text{Mg,K,Ca})_5(\text{Si}_{26}\text{Al}_{10})\text{O}_{72} \cdot 28\text{H}_2\text{O}$

Hardness: 4–5. Cleavage: No data. Long crystals may mat together in water. Short crystals tolerate sonication. Remove manganese hydroxides/oxides with ascorbic acid and dilute HCl (short exposure) to remove calcite. Derust with oxalic acid.

A group of related zeolites expected to have similar physical and chemical properties. Data given here is for mazzite-Mg.

References

Mindat: <https://www.mindat.org/min-2607.html>

Handbook of Mineralogy: <https://www.handbookofmineralogy.org/pdfs/Mazzite-Mg.pdf>

Betts, J. (2023) Mineral cleaning for amateurs.

www.johnbetts-fineminerals.com/jhbnyc/articles/minclean.htm

Tschernich, R. (1992) Zeolites of the World, 597 p. Geoscience Press, Inc., Phoenix, Arizona.

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