

Ardennite group -
 $\text{Mn}^{2+}_4\text{Al}_4(\text{AlMg})(\text{AsO}_4)(\text{SiO}_4)_2(\text{Si}_3\text{O}_{10})(\text{OH})_6$

Hardness = 6 - 7. Cleavage: Perfect. Very slightly attacked by H_2SO_4 . Inert to HCl and HNO_3 .

A group of minerals. Data given for ardennite-(As)

References

Mindat: <https://www.mindat.org/min-322.html>

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

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