

Sodium model

This external substance is used to model the liquid sodium used as a transfer fluid, especially in nuclear reactors.

The data are from the reference below. The identifications of the regressions are valid from 373 to 2000 K.

Please note that this class only works with a version of extThopt. Zip later than 16/01/2008.

FINK J. K., LEIBOWITZ L., Thermodynamic and transport properties of sodium liquid and vapor, Report ANL/RE-95/2, Reactor Engineering Division, Argonne National Laboratory, 1995.