ote Please note that any parameter that is indicated as a trivial parameter can be obtained from the `PropsSI` function as shown above in Trivial inputs

Parameter	Units	Input/Output	Trivial	Description
`DELTA`, `Delta`		IO	False	Reduced density (rho/rhoc)
`DMOLAR`, `Dmolar`	mol/m^3	IO	False	Molar density
`D`, `DMASS`, `Dmass`	kg/m^3	IO	False	Mass density
`HMOLAR`, `Hmolar`	J/mol	IO	False	Molar specific enthalpy
`H`, `HMASS`, `Hmass`	J/kg	IO	False	Mass specific enthalpy
`P`	Pa	IO	False	Pressure
`Q`	mol/mol	IO	False	Mass vapor quality
`SMOLAR`, `Smolar`	J/mol/K	IO	False	Molar specific entropy
`S`, `SMASS`, `Smass`	J/kg/K	IO	False	Mass specific entropy
`TAU`, `Tau`		IO	False	Reciprocal reduced temperature (Tc/T)
`T`	K	IO	False	Temperature
`UMOLAR`, `Umolar`	J/mol	IO	False	Molar specific internal energy
`U`, `UMASS`, `Umass`	J/kg	IO	False	Mass specific internal energy
`ACENTRIC`, `acentric`		O	True	Acentric factor
`ALPHA0`, `alpha0`		O	False	Ideal Helmholtz energy
`ALPHAR`, `alphar`		O	False	Residual Helmholtz energy
`A`, `SPEED_OF_SOUND`, `speed_of_sound`	m/s	O	False	Speed of sound
`BVIRIAL`, `Bvirial`		O	False	Second virial coefficient
`CONDUCTIVITY`, `L`, `conductivity`	W/m/K	O	False	Thermal conductivity
`CP0MASS`, `Cp0mass`	J/kg/K	O	False	Ideal gas mass specific constant pressure specific heat

Parameter	Units	Input/Output	Trivial	Description
CP0MOLAR, Cp0molar	J/mol/K	O	False	Ideal gas molar specific constant pressure specific heat
CPMOLAR, Cpmolar	J/mol/K	O	False	Molar specific constant pressure specific heat
CVIRIAL, Cvirial		O	False	Third virial coefficient
CVMASS, Cvmass, O	J/kg/K	O	False	Mass specific constant volume specific heat
CVMOLAR, Cvmolar	J/mol/K	O	False	Molar specific constant volume specific heat
C, CPMASS, Cpmass	J/kg/K	O	False	Mass specific constant pressure specific heat
DALPHA0_DDELTA_CONSTTAU, dalpha0_ddelta_consttau		O	False	Derivative of ideal Helmholtz energy with delta
DALPHA0_DTAU_CONSTDELTA, dalpha0_dtau_constdelta		O	False	Derivative of ideal Helmholtz energy with tau
DALPHAR_DDELTA_CONSTTAU, dalphar_ddelta_consttau		O	False	Derivative of residual Helmholtz energy with delta
DALPHAR_DTAU_CONSTDELTA, dalphar_dtau_constdelta		O	False	Derivative of residual Helmholtz energy with tau
DBVIRIAL_DT, dBvirial_dT		O	False	Derivative of second virial coefficient with respect to T
DCVIRIAL_DT, dCvirial_dT		O	False	Derivative of third virial coefficient with respect to T
DIPOLE_MOMENT, dipole_moment	C m	O	True	Dipole moment
FH		O	True	Flammability hazard
FRACTION_MAX, fraction_max		O	True	Fraction (mole, mass, volume) maximum value for incompressible solutions
FRACTION_MIN, fraction_min		O	True	Fraction (mole, mass, volume) minimum value for incompressible solutions

Parameter	Units	Input/Output	Trivial	Description
FUNDAMENTAL_DERIVATIVE_OF_GAS_DYNAMICS, fundamental_derivative_of_gas_dynamics		O	False	Fundamental derivative of gas dynamics
GAS_CONSTANT, gas_constant	J/mol/K	O	True	Molar gas constant
GMOLAR_RESIDUAL, Gmolar_residual	J/mol/K	O	False	Residual molar Gibbs energy
GMOLAR, Gmolar	J/mol	O	False	Molar specific Gibbs energy
GWP100		O	True	100-year global warming potential
GWP20		O	True	20-year global warming potential
GWP500		O	True	500-year global warming potential
G, GMASS, Gmass	J/kg	O	False	Mass specific Gibbs energy
HELMHOLTZMASS, Helmholtzmass	J/kg	O	False	Mass specific Helmholtz energy
HELMHOLTZMOLAR, Helmholtzmolar	J/mol	O	False	Molar specific Helmholtz energy
HH		O	True	Health hazard
HMOLAR_RESIDUAL, Hmolar_residual	J/mol/K	O	False	Residual molar enthalpy
ISENTROPIC_EXPANSION_COEFFICIENT, isentropic_expansion_coefficient		O	False	Isentropic expansion coefficient
ISOBARIC_EXPANSION_COEFFICIENT, isobaric_expansion_coefficient	1/K	O	False	Isobaric expansion coefficient
ISOTHERMAL_COMPRESSIBILITY, isothermal_compressibility	1/Pa	O	False	Isothermal compressibility
I, SURFACE_TENSION, surface_tension	N/m	O	False	Surface tension
M, MOLARMASS, MOLAR_MASS, MOLEMASS, molar_mass, molarmass, molemass	kg/mol	O	True	Molar mass
ODP		O	True	Ozone depletion potential
PCRIT, P_CRITICAL, Pcrit, p_critical, pcrit	Pa	O	True	Pressure at the critical point
PHASE, Phase		O	False	Phase index as a float
PH		O	True	Physical hazard
PIP		O	False	Phase identification parameter
PMAX, P_MAX, P_max, pmax	Pa	O	True	Maximum pressure limit
PMIN, P_MIN, P_min, pmin	Pa	O	True	Minimum pressure limit

Parameter	Units	Input/Output	Trivial	Description
`PRANDTL`, `Prandtl`		O	False	Prandtl number
`PTRIPLE`, `P_TRIPLE`, `p_triple`, `ptriple`	Pa	O	True	Pressure at the triple point (pure only)
`P_REDUCING`, `p_reducing`	Pa	O	True	Pressure at the reducing point
`RHOCRIT`, `RHOMASS_CRITICAL`, `rhocrit`, `rhomass_critical`	kg/m^3	O	True	Mass density at critical point
`RHOMASS_REDUCING`, `rhomass_reducing`	kg/m^3	O	True	Mass density at reducing point
`RHOMOLAR_CRITICAL`, `rhomolar_critical`	mol/m^3	O	True	Molar density at critical point
`RHOMOLAR_REDUCING`, `rhomolar_reducing`	mol/m^3	O	True	Molar density at reducing point
`SMOLAR_RESIDUAL`, `Smolar_residual`	J/mol/K	O	False	Residual molar entropy (sr/R = s(T,rho) - s^0(T,rho))
`TCRIT`, `T_CRITICAL`, `T_critical`, `Tcrit`	K	O	True	Temperature at the critical point
`TMAX`, `T_MAX`, `T_max`, `Tmax`	K	O	True	Maximum temperature limit
`TMIN`, `T_MIN`, `T_min`, `Tmin`	K	O	True	Minimum temperature limit
`TTRIPLE`, `T_TRIPLE`, `T_triple`, `Ttriple`	K	O	True	Temperature at the triple point
`T_FREEZE`, `T_freeze`	K	O	True	Freezing temperature for incompressible solutions
`T_REDUCING`, `T_reducing`	K	O	True	Temperature at the reducing point
`V`, `VISCOSITY`, `viscosity`	Pa s	O	False	Viscosity
`Z`		O	False	Compressibility factor