Pressure-Enthalpy Diagram: Steam (H_2O)

Vapor Quality [Q %] Temperature [T K] Density [ρ kg/m^3] Entropy [S kJ/(kg·K)]

M_w 18.01527 kg/kmol
T_t 273.16 K
P_t 0.611657 kPa
T_c 647.096 K
P_c 22064 kPa
ρ_c 322 kg/m^3

Pressure [kPa]

Enthalpy [kJ/kg]

SAMPLE

Reference: "Release on the IAPWS Formulation 1995 for the Thermodynamic Properties of Ordinary Water Substance for General and Scientific Use", IAPWS, Denmark, Sept. 1996.

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