Saturated Water Properties

11/10/2026

Project: water-properties

Input Parameters

Water temperature	250.00 °C

Calculated Results

Saturation pressure	39.759 bar
Specific enthalpy	1,085.7 kJ/kg
Specific entropy	2.7934 kJ/(kg·K)
Density	798.89 kg/m³
Specific volume	0.001252 m³/kg
Specific heat capacity	4.8650 kJ/(kg·K)
Dynamic viscosity	1.0628e-04 Pa·s
Kinematic viscosity	1.3304e-07 m²/s
Thermal conductivity	0.61364 W/(m·K)
Prandtl number	0.84262
Latent heat of vaporisation	1,715.3 kJ/kg