Saturated Water Properties

11/10/2026

Project: water-properties

Input Parameters

Water temperature	100.00 °C

Calculated Results

Saturation pressure	1.0142 bar
Specific enthalpy	419.10 kJ/kg
Specific entropy	1.3070 kJ/(kg·K)
Density	958.35 kg/m³
Specific volume	0.001043 m³/kg
Specific heat capacity	4.2166 kJ/(kg·K)
Dynamic viscosity	2.8159e-04 Pa·s
Kinematic viscosity	2.9382e-07 m²/s
Thermal conductivity	0.67722 W/(m·K)
Prandtl number	1.7533
Latent heat of vaporisation	2,256.5 kJ/kg