

Isochoric specific heat capacity = cmV

@wikipedia

Amount of [heat](#) required to change the temperature of one unit of [mass](#) with the constant [volume](#) by one unit of [temperature](#):

$$c_V = \left(\frac{\delta Q}{\delta m \cdot \delta T} \right)_V$$

Symbol	Dimension	SI units	Oil metric units	Oil field units
<i>c_V</i>	$\text{L}^2 \text{T}^{-2} \text{I}^{-1}$	J/(kgK)	J/(kgK)	BTU/(lbm°F)

It is a [material property](#) and properly tabulated for the vast majority of materials.

See also

[Physics](#) / [Thermodynamics](#) / [Thermodynamic process](#) / [Heat Transfer](#) / [Heat Capacity](#) / [Specific heat capacity](#)

[[Isobaric specific heat capacity \(c_{mp}\)](#)]

[[Basic Petroleum Rock and Fluid Properties Handbook](#)]