

internal energy, U

Synonym: thermodynamic energy

Quantity the change in which is equal to the sum of heat, q , brought to the system and work, w , performed on it, $\Delta U = q + w$. Also called thermodynamic energy.

Source:

Green Book, 2nd ed., p. 48

PAC, 1996, 68, 957 (*Glossary of terms in quantities and units in Clinical Chemistry (IUPAC-IFCC Recommendations 1996)*) on page 976