

kinetic energy, E_k

Energy of motion: for a body of mass m ,

$$E_k = \frac{m v^2}{2},$$

where v is the speed.

Source:

Green Book, 2nd ed., p. 12

PAC, 1996, 68, 957 (*Glossary of terms in quantities and units in Clinical Chemistry (IUPAC-IFCC Recommendations 1996)*) on page 978