

photon

Particle of zero charge, zero rest mass, spin quantum number 1, energy $h\nu$ and momentum $\frac{h\nu}{c}$ (h is the Planck constant, ν the frequency of radiation and c the speed of light), carrier of electromagnetic force.

Source:

Green Book, 2nd ed., p. 93

PAC, 1996, 68, 2223 (*Glossary of terms used in photochemistry (IUPAC Recommendations 1996)*) on page 2262