

carbon

Element number 6 of the periodic table of elements (electronic ground state $1s^2 2s^2 2p^2$). For a description of the various types of carbon as a solid the term carbon should be used only in combination with an additional noun or a clarifying adjective.

See also: amorphous carbon, carbon fibres, carbon material, glass-like carbon, graphitic carbon, non-graphitic carbon, pyrolytic carbon

Source:

PAC, 1995, 67, 473 (*Recommended terminology for the description of carbon as a solid (IUPAC Recommendations 1995)*) on page 479