graphite fibres

Carbon fibres consisting mostly of synthetic graphite for which three-dimensional crystalline order is confirmed by X-ray diffraction.

Note:
Graphite fibres can be obtained by graphitization heat treatment of carbon fibres if these consist mostly of graphitizable carbon. If the $h,k,l$ diffraction lines are difficult to recognize because they are of minor intensity, the mean interlayer spacing $c/2$ can be used as indication for the presence of a graphitic structure. The $c/2$ value of 0.34 nm is generally considered as an upper limit for synthetic graphite.

Source:
PAC, 1995, 67, 473 (Recommended terminology for the description of carbon as a solid (IUPAC Recommendations 1995)) on page 492