

graphite fibres

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

Notes:

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.

1995, 67, 492