

graphitized carbon

A graphitic carbon with more or less perfect three-dimensional hexagonal crystalline order prepared from non-graphitic carbon by graphitization heat treatment.

Note:

Non-graphitizable carbons do not transform into graphitic carbon on heat treatment at temperatures above 2500 K and therefore are not graphitized carbons.

Source:

PAC, 1995, 67, 473 (*Recommended terminology for the description of carbon as a solid (IUPAC Recommendations 1995)*) on page 494