

coke

A solid high in content of the element carbon and structurally in the non-graphitic state. It is produced by pyrolysis of organic material which has passed, at least in part, through a liquid or liquid-crystalline state during the carbonization process. Coke can contain mineral matter.

Note:

As some parts, at least, of the carbonization product have passed through a liquid or liquid-crystalline state, the resulting non-graphitic carbon is of the graphitizable variety. From a structural viewpoint, the term coke characterizes the state of graphitizable carbon before the beginning of graphitization.

Source:

PAC, 1995, 67, 473 (*Recommended terminology for the description of carbon as a solid (IUPAC Recommendations 1995)*) on page 485