

semicoke

A carbonaceous material intermediate between a fusible mesophase pitch and a non-deformable green coke produced by incomplete carbonization at temperatures between the onset of fusion (of coal, *ca.* 620 K), and complete devolatilization. Semicoke still contains volatile matter, therefore.

Note:

Semicoke may be conceived as covering a continuous range from coal that has not yet been fused to coke breeze. Semicoke can also be used as a filler in carbon mixtures.

See also: coal tar pitch

Source:

PAC, 1995, 67, 473 (*Recommended terminology for the description of carbon as a solid (IUPAC Recommendations 1995)*) on page 504