

fluid coke

The *carbonization* product of high-boiling hydrocarbon fractions (heavy residues of petroleum or coal processing) produced by the fluid coking process.

Notes:

Fluid coke consists of spherulitic grains with a spherical layer structure and is generally less graphitizable than *delayed coke*. Therefore, it is not suitable as *filler coke* for *polygranular graphite* products and is also less suitable for polycrystalline carbon products. Because of its isotropy it is less suitable to produce an anisotropic *synthetic graphite*. All *coke*s contain a fraction of matter that can be released as volatiles during heat treatment. This mass fraction, the so-called volatile matter, is in the case of fluid coke about 6 wt.%.

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