

agranular carbon

A monogranular or monolithic *carbon material* with homogeneous microstructure which does not exhibit any structural components distinguishable by optical microscopy.

Notes:

The above definition of a homogeneous microstructure does not pertain to pores and structural components which may be visible by contrast differences in optical microscopy with polarized light. As a consequence, *glass-like carbon* with visible pores is still an agranular carbon. The same is true, for instance, for *pyrolytic carbon* with preferred orientation, such as conical or lamellar structures, visible in optical microscopy with polarized light. Use of the term agranular carbon is not restricted to bulk materials of a minimum size. Only *particulate carbon* should be excluded even if the isolated particles exhibit a homogeneous microstructure.

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