

pyrolytic graphite

A *graphite material* with a high degree of preferred crystallographic orientation of the *c*-axes perpendicular to the surface of the substrate, obtained by *graphitization heat treatment* of *pyrolytic carbon* or by chemical vapour deposition at temperatures above 2500 K.

Notes:

‘Pyrographite’, a synonym for pyrolytic graphite, was introduced as a trademark and should not be used as a term. Hot working of pyrolytic graphite (by heat treatment under compressive stress at temperatures above 3000 K) results in *highly oriented pyrolytic graphite* (HOPG).

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