

carbon fibre

Fibres (filaments, tows, yarns, rovings) consisting of at least 92% (mass fraction) *carbon*, usually in the non-graphitic state.

Notes:

Carbon fibres are fabricated by pyrolysis of organic precursor fibres or by growth from gaseous hydrocarbons. The use of the term *graphite fibres* instead of carbon fibres as often observed in the literature is incorrect and should be avoided. The term graphite fibres is justified only if three-dimensional crystalline order is confirmed, e.g. by X-ray diffraction measurements.

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