pitch-based carbon fibres

Carbon fibres obtained from *pitch* precursor fibres after stabilization treatment, *carbonization* and final heat treatment.

Notes:

The term pitch-based carbon fibres comprises the *isotropic pitch-based carbon fibres* as well as the anisotropic *mesophase pitch-based carbon fibres* (MPP-based carbon fibres). The isotropic type belongs to the *carbon fibres type LM* (low modulus) and is mainly used as filler in polymers and insulation materials and for similar applications. The anisotropic type (MPP-based carbon fibres) belongs to the *carbon fibres type HM* and is used mainly for reinforcement purposes due to its high Young's modulus value.

1995, *67*, 500