

### **isotropic pitch-based carbon fibres**

*Carbon fibres* obtained by *carbonization* of isotropic pitch fibres after these have been stabilized (i.e. made non-fusible).

Notes:

During fabrication of isotropic pitch-based carbon fibres no means (neither mechanical nor chemical) are applied to achieve preferred orientation of the polyaromatic molecules in the fibre direction. They belong to the *carbon fibres type LM* (low modulus), and because of the relatively low values of strength and Young's modulus this *pitch-based carbon fibre* type is not used for high-performance reinforcement purposes.

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