

carbon fibres type LM

Carbon fibres type LM (low modulus) are carbon fibres with isotropic structure, tensile modulus values as low as 10% of the C_{11} values of the graphite single crystal, and low strength values.

Note:

The term carbon fibres type LM is sometimes used for various types of isotropic carbon fibres known as pitch-based or rayon-based carbon fibres that have not been subjected to hot-stretching. Such fibres are not used for reinforcement purposes in high-performance composites.

Source:

PAC, 1995, 67, 473 (*Recommended terminology for the description of carbon as a solid (IUPAC Recommendations 1995)*) on page 482