

spherical carbonaceous mesophase

A term which describes the morphology of *carbonaceous mesophase* which is formed in the isotropic *pitch* matrix. The spherical carbonaceous mesophase usually has a lamellar structure consisting of flat aromatic molecules arranged in parallel layers which are perpendicular to the sphere/isotropic phase interface. On coalescence, this spherical mesophase loses its characteristic morphology and is converted to the *bulk mesophase*.
1995, 67, 505