

CARBON

Carbon is a filler widely used in industry in the form of powder and where fiber.



PROPERTIES	
Carbon black	Pigment, UV barrier, antioxidant. The thermal conductivity increases with the charge rate, regardless of the particle size. The electrical conductivity of charged materials increases with the carbon content and with the fineness of the particles.
Graphite	Improves rigidity and creep resistance.
Petroleum coke	Improves tensile strength and heat resistance.
Hollow carbon spheres (carbospheres)	Lower the density.
Carbon and graphite fibers	High performance reinforcing filler, high price limiting their use to excellent applications.