OMNIA PRODUCTS

TECHNICAL DATA SHEET

ULTRA SHORT PRECISION CHOPPED CARBON FIBER

PCF05, PCF10, PCF15, PCF20

Precision ultra short chopped carbon fiber products are produced from standard modulus carbon fiber tows. These fibers are chopped to lengths less than 2 mm and are primarily used as fillers for improving electrical or thermal conductivity. These products satisfy a range between milled fibers and precision chopped fibers.

Standard lengths are available in 0.5, 1.0, 1.5, and 2.0 mm, although any length can be specified between 0.3 and 3 mm.

Material properties	Value
Fiber type	Polyacrylonitrile (PAN)
Modulus	Standard
Filament diameter	7 µm
Sizing type	Epoxy
Sizing level	1.0%
Lengths available	3 or 6 mm
Bulk density	TBD based on length (g/l)
Moisture content	< 0.5 %

Packaging options:

- Varies based on order needs

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