

# PRECISION CHOPPED Ni-COATED CARBON FIBER

## B0305, B0605

Precision chopped Ni-coated carbon fiber products are produced from standard modulus carbon fiber tows which have a nickel CVD layer (20-40%) oversized to be compatible with specific thermoplastic polymers for compounding applications, with thermosets for epoxy based molding or forging applications, or with water-based processing. They are intended for applications requiring high conductivity or EMI/RF shielding.

B0305 and B0605 are sized for high temperature compounding compatibility with polyimide, polyamide, PEEK, or PAEK resins.

Standard lengths are available in 3 and 6 mm.

Material properties	Value
Fiber type	Polyacrylonitrile (PAN)
Modulus	Standard
Filament diameter	7 $\mu$ m
Ni content	20 - 40%
Sizing type	Polyimide
Sizing level	3.0%
Pellet lengths available	3 or 6 mm
Bulk density	450 g/l
Moisture content	< 0.5 %

### Packaging options:

- 25 lb polyethylene bagged box

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