

PRECISION CHOPPED Ni-COATED CARBON FIBER

B0302, B0602, B1202, B2502

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.

B0302, B0602, B1202, and B2502 are sized with PVA for water-soluble processing applications.

Standard lengths are available in 3, 6, 12, and 25 mm.

Material properties	Value
Fiber type	Polyacrylonitrile (PAN)
Modulus	Standard
Filament diameter	7 μ m
Ni content	20 - 40%
Sizing type	PVA
Sizing level	3.5%
Pellet lengths available	3, 6, 12, 25 mm
Bulk density	450 g/l
Moisture content	< 0.5 %

Packaging options:

- 25 lb polyethylene bagged box

2/8/2026