

PRECISION SHORT/LONG CHOPPED CARBON FIBER

A0300, A0600, A0900, A1200, A2500, A5000

Precision chopped carbon fiber products are produced from standard modulus carbon fiber tows, 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.

Standard lengths are available in 3, 6, 12, 25, and 50 mm.

A0300, A0600, A0900, A1200, A2500, and A5000 are epoxy-sized and suitable for use in SMC, forging, and other mold processing with epoxy.

Material properties	Value
Fiber type	Polyacrylonitrile (PAN)
Modulus	Standard
Filament diameter	7 μ m
Sizing type	Eopxy
Sizing level	1.0 %
Lengths available	3, 6, 9, 12 ,25, 50 mm
Bulk density	(3 mm) 340 g/l (6, 9, 12 mm) 400 g/l (25 mm) 300 g/l (50 mm) 215 g/l
Moisture content	< 0.5 %

Packaging options:

- 25 lb polyethylene bagged box
- Up to 1200 lb Gaylord packaging (6, 9, 12 mm) or 900 lb Gaylord (3, 25, 50 mm)

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