

RESISTAT® F9116, is a 16 denier-per-filament nylon 6,6 chopped fiber. Each filament has an electrically conductive carbon suffused into the surface. The filaments have a round cross-section with a coating thickness of approximately one micron.

Physical Properties	Typical Values	Average Value	
Denier per filament	16	16	---
D'tex per filament	18	18	
Tenacity	2.7	2.7 grams/denier	---
Elongation at Break	15%	15%	---
Melt Point	254°C	254°C	---
Cut Length (Custom lengths available)	63, 65, 100 mm ± 10%	Crimped / Uncrimped	---

Electrical Properties	Typical Values	Average Value	
Resistivity, Tow	3	3×10^3 ohms/centimeter	---
Resistivity, Individual Fibers	2	2×10^5 ohms/centimeter	---

Package	
Carton	Cardboard with plastic liner
Fiber Weight per Carton	55 lbs (25 kgs)

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