

# RESISTAT® fiber collection



**RESISTAT® P6203 Merge A040i**, is a 40/12 denier conductive polyester bicomponent fiber. Each filament has an electrically conductive sheath.

Physical Properties	Typical Values	Average Value	
Denier	40	40	ASTM 1907
Filament Count	12	12	---
Tenacity, grams/denier	3	3 grams/denier	---
Elongation at Break, %	65%	65%	---
Melt Point Core	255°C	255°C	---
Melt Point Sheath	230°C	230°C	---
Shrinkage (Boiling Water)	8%	8%	---

Electrical Properties	Typical Values	Average Value	
Resistivity	5	5 x 10 <sup>6</sup> ohms/centimeter	---

Package	
Package Type	Cardboard Tube
Fiber Weight per Tube	2.2 lbs (1 kgs)
Average Carton	20 Tubes

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