

RESISTAT® fiber collection



RESISTAT® P6204 Merge H100i is a 100/24 denier polyester bicomponent fiber. Each filament has an electrically conductive sheath.

Physical Properties	Typical Values	Average Value	Test Method
Denier	100	100 Denier	ASTM 1907
D'tex	111	111 D'tex	---
Filament Count	24	---	---
Tenacity	2.9	2.9 grams/denier	ASTM 2256
Elongation at Break	86%	86%	---
Melt Point Core	255°C	---	---
Melt Point Sheath	230°C	---	---
Shrinkage, Boiling Water	5 - 8%	6%	---
Yield, yds/lb	44,645	44,645 yds/lbs	---
Yield, m/kg	89,915	89,915 m/kg	---

Electrical Properties	Typical Values	Average Value	Test Method
Resistivity	1.5	1.5 x 10 ⁶ ohms/centimeter	---

Package

Package Type	Cardboard Tube
Package Weight	3 pounds (Average), 1.4 kgs (Average)
Packing	16 tubes per case (Average)

Phone: 1 (803) 754-7011

Fax: 1 (803) 754-7991

www.shakespeare-pf.com

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