

Shakespeare Resistat[®] F901 D044 Nylon 6 Monofilament

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 Fiber

Material Notes:

Resistat F901, MERGE D044 is a 44-denier nylon 6 monofilament which has electrically conductive carbon suffused into the surface. The filament has a round cross section with a coating thickness of approximately 1 micron. The yarn color is black. Resistat is used for carpeting, ESD garments, and industrial belting and brushes. Information provided by Shakespeare Company.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Shakespeare-Resistat-F901-D044-Nylon-6-Monofilament.php

Physical Properties	Metric	English	Comments
Fiber Count	48.9 dtex	44.0 denier	

Mechanical Properties	Metric	English	Comments
Elongation at Break	50 %	50 %	
Tenacity	0.353 N/tex	4.00 g/denier	

Thermal Properties	Metric	English	Comments
Melting Point	220 Å°C	428 Å°F	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	1e+05	1e+05	

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