

Shakespeare Resistat[®] F901 S022 Nylon 6 Monofilament

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

Material Notes:

Resistat F901, MERGE S022 is a 33-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-S022-Nylon-6-Monofilament.php

Physical Properties	Metric	English	Comments
Fiber Count	24.4 dtex	22.0 denier	

Mechanical Properties	Metric	English	Comments
Elongation at Break	41 %	41 %	
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	300000 ohm-cm	300000 ohm-cm	

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