

Shakespeare Resistat[®] F9422 T040 Nylon 6 Monofilament

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

Material Notes:

Resistat F9422, MERGE T040 is composed of forty filaments of conductive nylon 6 yarn. This yarn is twisted and heatset. Each filament has electrically conductive carbon suffused into the surface. The filaments have 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-F9422-T040-Nylon-6-Monofilament.php

Physical Properties	Metric	English	Comments
Fiber Count	1020 dtex	915 denier	

Mechanical Properties	Metric	English	Comments
Elongation at Break	28 %	28 %	
Tenacity	0.265 N/tex	3.00 g/denier	

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

Electrical Properties	Metric	English	Comments
Electrical Resistivity	5000 ohm-cm	5000 ohm-cm	

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