

Shakespeare Resistat[®] F9416 M040 Nylon 66 Monofilament

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66 Fiber

Material Notes:

Resistat F9416, MERGE M040 is composed of forty filaments of conductive nylon 6,6 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-F9416-M040-Nylon-66-Monofilament.php

Physical Properties	Metric	English	Comments
Fiber Count	744 dtex	670 denier	

Mechanical Properties	Metric	English	Comments
Elongation at Break	25 %	25 %	
Tenacity	0.335 N/tex	3.80 g/denier	

Thermal Properties	Metric	English	Comments
Melting Point	254 Å°C	489 Å°F	

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

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