

## Shakespeare Resistat<sup>®</sup> F9222 B040 Nylon 6 Monofilament

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

### Material Notes:

Resistat F9222, MERGE B040 is a 22 denier per filament conductive nylon 6 tow. 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. It is available with a 40 filaments version yielding a total of 915 denier. 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-F9222-B040-Nylon-6-Monofilament.php](http://www.lookpolymers.com/polymer_Shakespeare-Resistat-F9222-B040-Nylon-6-Monofilament.php)

Physical Properties	Metric	English	Comments
Fiber Count	1020 dtex	915 denier	

Mechanical Properties	Metric	English	Comments
Elongation at Break	15 %	15 %	
Tenacity	0.265 N/tex	3.00 g/denier	

Thermal Properties	Metric	English	Comments
Melting Point	215 Å°C	419 Å°F	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	4000 ohm-cm	4000 ohm-cm	

## Contact Songhan Plastic Technology Co.,Ltd.

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