

Shakespeare Sanstat® CN125 .41mm Nylon 66 Monofilament

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

Material Notes:

Sanstat CN125 nylon 6,6 monofilaments have electrically conductive carbon suffused into the surface. The filaments have a carbon coating thickness of approximately 1 micron. Information provided by Shakespeare Company.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Shakespeare-Sanstat-CN12541mm-Nylon-66-Monofilament.php

Physical Properties	Metric	English	Comments
Density	1.12 g/cc	0.0405 lb/in ³	Calculated from diameter of 0.41 mm and product yield of 6760 m/kg.
Fiber Count	1480 dtex	1330 denier	Per Filament

Mechanical Properties	Metric	English	Comments
Elongation at Break	30 %	30 %	
Tenacity	0.441 N/tex	5.00 g/denier	7 kg breaking load

Thermal Properties	Metric	English	Comments
Melting Point	254 °C	489 °F	
Shrinkage	5.00 % @Temperature 175 °C, Time 601 sec	5.00 % @Temperature 347 °F, Time 0.167 hour	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	7000 ohm-cm	7000 ohm-cm	Average
	<= 10000 ohm-cm	<= 10000 ohm-cm	

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