

Shakespeare Sanstat[®] CN125 .52mm 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-CN125-52mm-Nylon-66-Monofilament.php

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in ³	Calculated from diameter of 0.52 mm and product yield of 4182 m/kg.
Fiber Count	2390 dtex	2150 denier	Per Filament

Mechanical Properties	Metric	English	Comments
Elongation at Break	30 %	30 %	
Tenacity	0.441 N/tex	5.00 g/denier	9.7 kg breaking load

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

Electrical Properties	Metric	English	Comments
Electrical Resistivity	6000 ohm-cm	6000 ohm-cm	Average
	<= 9000 ohm-cm	<= 9000 ohm-cm	

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