

Shakespeare Sanstat® CN125 .89mm 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-CN125-89mm-Nylon-66-Monofilament.php

Physical Properties	Metric	English	Comments
Density	1.17 g/cc	0.0423 lb/in ³	Calculated from diameter of 0.89 mm and product yield of 1374 m/kg.
Fiber Count	7270 dtex	6540 denier	Per Filament

Mechanical Properties	Metric	English	Comments
Elongation at Break	27 %	27 %	
Tenacity	0.265 N/tex	3.00 g/denier	22.7 kg breaking load

Thermal Properties	Metric	English	Comments
Melting Point	254 Â°C	489 Â°F	
Shrinkage	7.00 % @Temperature 175 Â°C, Time 601 sec	7.00 % @Temperature 347 Â°F, Time 0.167 hour	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	2000 ohm-cm	2000 ohm-cm	Average
	<= 5000 ohm-cm	<= 5000 ohm-cm	

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