

A. Schulman ComAlloy E-16674B PPS, Electrically Conductive - Carbon Fiber Filled

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS) , Polyphenylene Sulfide (PPS), Conductive

Material Notes:

Data provided by the manufacturer, ComAlloy International Company. The ComAlloy product line has been integrated into the A Schulman product line.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-ComAlloy-E-16674B-PPS-Electrically-Conductive-Carbon-Fiber-Filled.php

Physical Properties	Metric	English	Comments
Density	1.39 g/cc	0.0502 lb/in ³	
Linear Mold Shrinkage	0.0020 cm/cm	0.0020 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	120	120	ASTM D785
Tensile Strength, Ultimate	154 MPa	22300 psi	ASTM D638
Elongation at Break	2.0 %	2.0 %	ASTM D638
Flexural Yield Strength	216 MPa	31300 psi	ASTM D790
Flexural Modulus	16.0 GPa	2320 ksi	ASTM D790
Izod Impact, Unnotched	4.00 J/cm	7.49 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	280 - 290 °C	536 - 554 °F	
Deflection Temperature at 0.46 MPa (66 psi)	260 °C	500 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	229 °C	444 °F	ASTM D648

Electrical Properties	Metric	English	Comments
Electrical Resistivity	100 - 1000 ohm-cm	100 - 1000 ohm-cm	
Surface Resistance	1000 - 10000 ohm	1000 - 10000 ohm	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China