

PolyOne Stat-Tech™ RA-06CF-07GF/000 EM Polyarylsulfone - 7% Glass Fiber - 6% Carbon Fiber Reinforced - ESD Applications - Flow Enhanced Grade

Category : Polymer , Thermoplastic , Polyarylsulfone (PAS) , Polyarylsulfone (PAS), Carbon Fiber Filled

Material Notes:

Data provided by PolyOne.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Stat-Tech-RA-06CF-07GF000-EM-Polyarylsulfone-7-Glass-Fiber-6-Carbon-Fiber-Reinforced-ESD-Applications-Flow-Enhanced-Grade.php

Physical Properties	Metric	English	Comments
Density	1.43 g/cc	0.0517 lb/in ³	ASTM D792
Water Absorption	0.38 %	0.38 %	24 hrs. ASTM D570
Linear Mold Shrinkage	0.0020 cm/cm @Thickness 3.17 mm	0.0020 in/in @Thickness 0.125 in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	98	98	ASTM D785
Tensile Strength, Ultimate	124 MPa	18000 psi	ASTM D638
Elongation at Break	3.0 - 4.0 %	3.0 - 4.0 %	ASTM D638
Flexural Modulus	6.90 GPa	1000 ksi	ASTM D790
Izod Impact, Notched	0.640 J/cm @Thickness 6.35 mm	1.20 ft-lb/in @Thickness 0.250 in	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear	39.6 µm/m-°C @Temperature 20.0 °C	22.0 µin/in-°F @Temperature 68.0 °F	ASTM D696
Deflection Temperature at 1.8 MPa (264 psi)	213 °C	415 °F	ASTM D648
Flammability, UL94	V-0	V-0	CTi Test V-0

Electrical Properties	Metric	English	Comments
Surface Resistance	1.00e+6 - 1.00e+10 ohm	1.00e+6 - 1.00e+10 ohm	ASTM D257

Processing Properties	Metric	English	Comments
-----------------------	--------	---------	----------

Processing Properties	Metric	English	Comments
Mold Temperature	121 - 149 °C	250 - 300 °F	
Drying Temperature	135 °C	275 °F	

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