

## PolyOne Edgetek® MLS-195A Polysulfone Alloy - ESD Material (discontinued \*\*)

Category : Polymer , Thermoplastic , Polysulfone (PSU)

**Material Notes:**

Data provided by PolyOne.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PolyOne-Edgetek-MLS-195A-Polysulfone-Alloy-ESD-Material-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_PolyOne-Edgetek-MLS-195A-Polysulfone-Alloy-ESD-Material-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	1.29 g/cc	0.0466 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage	0.0020 - 0.0025 cm/cm @Thickness 3.17 mm	0.0020 - 0.0025 in/in @Thickness 0.125 in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	107 MPa	15500 psi	ASTM D638
Elongation at Break	3.0 - 4.0 %	3.0 - 4.0 %	ASTM D638
Tensile Modulus	6.20 GPa	899 ksi	ASTM D638
Izod Impact, Notched	0.800 J/cm @Thickness 6.35 mm	1.50 ft-lb/in @Thickness 0.250 in	ASTM D256

Electrical Properties	Metric	English	Comments
Electrical Resistivity	10000 ohm-cm - 1e+05	10000 ohm-cm - 1e+05	ASTM D257
Surface Resistance	1e+05 - 5.00e+7 ohm	1e+05 - 5.00e+7 ohm	ASTM D257

Processing Properties	Metric	English	Comments
Melt Temperature	332 - 349 °C	630 - 660 °F	Stock
Mold Temperature	66.0 - 121 °C	151 - 250 °F	
Drying Temperature	121 - 132 °C	250 - 270 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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