

PolyOne Stat-Tech™ PF-NX-062100-2 Polysulfone (discontinued **)

Category : Polymer , Thermoplastic , Polysulfone (PSU)

Material Notes:

Description/Features:Electrically ConductiveESD ProtectionInformation provided by PolyOne Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Stat-Tech-PF-NX-062100-2-Polysulfone-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.463 g/cc	1.463 g/cc	ASTM D792
Linear Mold Shrinkage	0.0022 cm/cm	0.0022 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	57.9 MPa	8400 psi	Type 1 - Rigids, 0.2 in/min; ASTM D638
Elongation at Break	1.25 %	1.25 %	Type 1 - Rigids, 0.2 in/min; ASTM D638
Tensile Modulus	8.646 GPa	1254 ksi	Type 1 - Rigids, 0.2 in/min; ASTM D638
Flexural Strength	93.941 MPa	13625 psi	ASTM D790
Flexural Modulus	6.45 GPa	935 ksi	ASTM D790
Izod Impact, Notched	0.366 J/cm @Thickness 6.35 mm, Temperature 23.0 °C	0.686 ft-lb/in @Thickness 0.250 in, Temperature 73.4 °F	Method A, Injection Molded; ASTM D256

Electrical Properties	Metric	English	Comments
Volume Resistivity	800000 ohm-cm	800000 ohm-cm	ASTM D257

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