

PolyOne Stat-Tech™ AT-000/000 ESD Acetal-Copolymer (discontinued **)

Category : Polymer , Thermoplastic , Acetal (POM)

Material Notes:

Description/Features:AntistaticInformation provided by PolyOne Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Stat-Tech-AT-000000-ESD-Acetal-Copolymer-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.42 g/cc	1.42 g/cc	ASTM D792
Water Absorption	0.010 % @Thickness 3.17 mm	0.010 % @Thickness 0.125 in	24 hr. Immersion; ASTM D570
Linear Mold Shrinkage	0.010 - 0.020 cm/cm	0.010 - 0.020 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	47.6 MPa	6900 psi	Type 1 - Rigids, 0.2 in/min; ASTM D638
Elongation at Break	8.0 %	8.0 %	Type 1 - Rigids, 0.2 in/min; ASTM D638
Tensile Modulus	2.07 GPa	300 ksi	Type 1 - Rigids, 0.2 in/min; ASTM D638
Flexural Strength	62.1 MPa	9000 psi	ASTM D790
Flexural Modulus	2.07 GPa	300 ksi	ASTM D790
Izod Impact, Notched	0.641 J/cm @Thickness 6.35 mm, Temperature 23.0 °C	1.20 ft-lb/in @Thickness 0.250 in, Temperature 73.4 °F	Method A, Injection Molded; ASTM D256

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+13 ohm-cm	1.00e+13 ohm-cm	ASTM D257
Surface Resistivity per Square	1.00e+13 ohm	1.00e+13 ohm	ASTM D257

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