

PolyOne Stat-Tech™ UR-7SS-5GF/000 PT GY Thermoplastic Elastomer - TPU, Glass Filled (discontinued **)

Category : Polymer , Thermoplastic , Elastomer, TPE , Polyurethane, TP

Material Notes:

Description/Features:Stainless Steel Fiber FilledGlass Fiber ReinforcedElectrically ConductiveInformation provided by PolyOne Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Stat-Tech-UR-7SS-5GF000-PT-GY-Thermoplastic-Elastomer-TPU-Glass-Filled-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.31 g/cc	1.31 g/cc	ASTM D792
Linear Mold Shrinkage	0.0020 cm/cm	0.0020 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	25.9 MPa	3750 psi	Type 1 - Rigids, 0.2 in/min; ASTM D638
Tensile Modulus	0.8012 GPa	116.2 ksi	Type 1 - Rigids, 0.2 in/min; ASTM D638
Flexural Modulus	0.579 GPa	84.0 ksi	ASTM D790
Izod Impact, Notched	0.908 J/cm @Thickness 6.35 mm, Temperature 23.0 °C	1.70 ft-lb/in @Thickness 0.250 in, Temperature 73.4 °F	Method A, Injection Molded; ASTM D256

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	1.00e+6 ohm	1.00e+6 ohm	ASTM D257

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