

InElec® PCT7011AS10
Americhem - Polyethylene Terephthalate
General Information
Product Description

PERMANENTLY ANTI-STATIC AMORPHOUS PET

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Additive	• Antistatic		
Features	• ESD Protection	• Permanent Antistatic	
Uses	• Automotive Applications • Closures • Connectors • Consumer Applications	• Electrical/Electronic Applications • Engineering Parts • Household Goods • Housings	• Industrial Applications • Industrial Parts • Oil/Gas Applications • Outdoor Applications
Forms	• Pellets		
Processing Method	• Injection Molding		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.15		ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/3.8 kg)	30	g/10 min	ASTM D1238
Molding Shrinkage - Flow (0.125 in)	5.0E-3 to 7.0E-3	in/in	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	200000	psi	ASTM D638
Tensile Strength	5000	psi	ASTM D638
Tensile Elongation (Yield)	7.0	%	ASTM D638
Flexural Modulus	180000	psi	ASTM D790
Flexural Strength (Yield)	5800	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	14	ft-lb/in	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+9 to 1.0E+11	ohms	ASTM D257

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	190	°F
Drying Time	4.0	hr
Processing (Melt) Temp	460 to 470	°F
Mold Temperature	100 to 150	°F

Injection Notes

Do not exceed a Maximum Melting Temperature of 470F.

