

**InElec® PCT7011AS**
*Americhem - Polyethylene Terephthalate*
**General Information**
**Product Description**

 Anti-stat amorphous PET  
 Melt temp not to exceed 470F

**General**

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Additive	• Antistatic		
Features	• 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 <sup>1</sup>**

<b>Physical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Density / Specific Gravity	1.21		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	
<b>Mechanical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Tensile Strength (Yield)	5500	psi	ASTM D638
Tensile Strength (Break)	5000	psi	ASTM D638
Tensile Elongation (Yield)	6.0	%	ASTM D638
Tensile Elongation (Break)	> 150	%	ASTM D638
Flexural Modulus	151000	psi	ASTM D790
Flexural Strength (Yield)	5800	psi	ASTM D790
<b>Impact</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Notched Izod Impact	14	ft·lb/in	ASTM D256
<b>Electrical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Surface Resistivity	1.0E+8	ohms	ASTM D257

**Processing Information**

<b>Injection</b>	<b>Nominal Value</b>	<b>Unit</b>
Drying Temperature	190	°F
Drying Time	4.0	hr
Mold Temperature	100 to 150	°F

