

InElec® PCT7031AS
Americhem - Polyethylene Terephthalate
General Information
Product Description

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

General

Material Status	<ul style="list-style-type: none"> Commercial: Active 		
Availability	<ul style="list-style-type: none"> Africa & Middle East Asia Pacific 	<ul style="list-style-type: none"> Europe Latin America 	<ul style="list-style-type: none"> North America
Additive	<ul style="list-style-type: none"> Antistatic 		
Features	<ul style="list-style-type: none"> Permanent Antistatic 		
Uses	<ul style="list-style-type: none"> Automotive Applications Closures Connectors Consumer Applications 	<ul style="list-style-type: none"> Electrical/Electronic Applications Engineering Parts Household Goods Housings 	<ul style="list-style-type: none"> Industrial Applications Industrial Parts Oil/Gas Applications Outdoor Applications
Forms	<ul style="list-style-type: none"> Pellets 		
Processing Method	<ul style="list-style-type: none"> Injection Molding 		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.21		ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/3.8 kg)	45 g/10 min		ASTM D1238
Molding Shrinkage - Flow (0.125 in)	5.0E-3 to 7.0E-3 in/in		
Mechanical	Nominal Value	Unit	Test Method
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	155000	psi	ASTM D790
Flexural Strength (Yield)	5500	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	14	ft·lb/in	ASTM D256

Processing Information

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

