



2079 Center Square Road  
Logan Township, NJ 08085

**PROVISIONAL TECHNICAL DATA AND PROCESS SHEET**

**PERMANENTLY ANTI STATIC, FLAME RETARDANT POLYCARBONATE/ABS ALLOY**

**INELEC PCABSFRAS**

**TYPICAL PROPERTIES**

<b>PROPERTY</b>	<b>VALUE</b>	<b>UNIT</b>	<b>METHOD</b>
<b>PHYSICAL</b>			
SPECIFIC GRAVITY	1.20	-	ASTM D792
MOLD SHRINKAGE, FLOW 0.125"	0.6-0.8	%	
<b>MECHANICAL</b>			
TENSILE STRENGTH, BRK	6,000	psi	ASTM D638
TENSILE ELONGATION	2-5	%	ASTM D638
FLEXURAL MODULUS	300,000	psi	ASTM D790
IZOD IMPACT, NOTCHED	2.8	ft-lb/in	ASTM D256
IZOD IMPACT, UNNOTCHED	10-12	ft-lb/in	ASTM D256
<b>THERMAL</b>			
HDTUL @ 264 PSI	205	°F	ASTM D648
<b>ELECTRICAL</b>			
SURFACE RESISTIVITY	10 <sup>9</sup> -10 <sup>11</sup>	Ohm/sq	ASTMD257
<b>PROCESSING</b>			
DRYING TEMPERATURE	200	°F	
DRYING TIME	3-4	hrs	
MAX MOISTURE CONTENT	0.02	%	
MELT TEMPERATURE	470-500	°F	
MOLD TEMPERATURE	125-180	°F	
BACK PRESSURE	50-100	psi	
SCREW SPEED	40-70	rpm	
VENT DEPTH	0.001-0.002	in	

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