

**TECHNICAL DATA AND PROCESS SHEET**

**ELECTRICALLY CONDUCTIVE, HIGH FLOW POLYPROPYLENE**

**INELEC PPHF**

**TYPICAL PROPERTIES**

<b>PROPERTY</b>	<b>VALUE</b>	<b>UNIT</b>	<b>METHOD</b>
<b>PHYSICAL</b>			
SPECIFIC GRAVITY	0.98	-	ASTM D792
MOLD SHRINKAGE, FLOW 0.125"	1.3-1.8	%	
<b>MECHANICAL</b>			
TENSILE STRENGTH, BRK	3,600	psi	ASTM D638
FLEXURAL STRENGTH	4,600	psi	ASTM D790
FLEXURAL MODULUS	180,000	psi	ASTM D790
IZOD IMPACT, NOTCHED	9.0	ft-lb/in	ASTM D256
IZOD IMPACT, UNNOTCHED	NB	ft-lb/in	ASTM D256
<b>ELECTRICAL</b>			
SURFACE RESISTIVITY	10E2-10E6	Ohm/Sq.	ASTM D257
<b>PROCESSING</b>			
DRYING TEMPERATURE	170	°F	
DRYING TIME (not required)	2-4	hrs	
MELT TEMPERATURE	380	°F	
MOLD TEMPERATURE	100	°F	
BACK PRESSURE	50-100	psi	
SCREW SPEED	40-70	rpm	
VENT DEPTH	0.0005-0.001	in	

9/27/10 DJV

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