

TECHNICAL DATA AND PROCESS SHEET

PERMANENTLY ANTI-STATIC POLYPROPYLENE

INELEC PPAS

TYPICAL PROPERTIES

<u>PROPERTY</u>	<u>VALUE</u>	<u>UNIT</u>	<u>METHOD</u>
PHYSICAL			
SPECIFIC GRAVITY	0.92	-	ASTM D792
MOLD SHRINKAGE, FLOW 0.125"	1.0-1.5	%	ASTM D955
MECHANICAL			
TENSILE STRENGTH	4000	psi	ASTM D638
TENSILE ELONGATION	>10.0	%	ASTM D638
FLEXURAL STRENGTH	6000	psi	ASTM D790
FLEXURAL MODULUS	200,000	psi	ASTM D790
IZOD IMPACT, NOTCHED	1.2	ft-lb/in	ASTM D256
IZOD IMPACT, UNNOTCHED	NB	ft-lb/in	ASTM D4812
ELECTRICAL			
SURFACE RESISTIVITY	10^9 - 10^{11}	Ohm/Sq.	ASTM D257
PROCESSING			
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	

Revised: 2/10/11 DJV

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