

PROVISIONAL TECHNICAL DATA AND PROCESS SHEET

PERMANENTLY ANTI STATIC, FLAME RETARDANT POLYCARBONATE/ABS ALLOY

INELEC PCABSFRAS

TYPICAL PROPERTIES

PROPERTY	VALUE	UNIT	METHOD
PHYSICAL			
SPECIFIC GRAVITY	1.20	-	ASTM D792
MOLD SHRINKAGE, FLOW 0.125"	0.6-0.8	%	
MECHANICAL			
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
THERMAL			
HDTUL @ 264 PSI	205	°F	ASTM D648
ELECTRICAL			
SURFACE RESISTIVITY	10 ⁹ -10 ¹¹	Ohm/sq	ASTMD257
PROCESSING			
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	

This information is based on our experience to date and we believe it to be reliable. It is intended only as a guide for use at your discretion and risk. We cannot guarantee favorable results and assume no liability in connection with its use of the products described. Each user bears full responsibility for making its own determination as to the suitability of the product described. None of