

TECHNICAL DATA AND PROCESS SHEET

15% STAINLESS STEEL FIBER FILLED ABS

INELEC ABSSS15

TYPICAL PROPERTIES

<u>PROPERTY</u>	<u>VALUE</u>	<u>UNIT</u>	<u>METHOD</u>
PHYSICAL			
SPECIFIC GRAVITY	1.16	-	ASTM D792
MOLD SHRINKAGE, FLOW 0.125"	0.3-0.5	%	
MECHANICAL			
TENSILE STRENGTH, YLD	6,300	psi	ASTM D638
TENSILE ELONGATION, YLD	3-5	%	ASTM D638
FLEXURAL MODULUS	440,000	psi	ASTM D790
IZOD IMPACT, NOTCHED	1.0	ft-lb/in	ASTM D256
IZOD IMPACT, UNNOTCHED	5-7	ft-lb/in	ASTM D256
THERMAL			
HDTUL @ 264 PSI	190	°F	ASTM D648
ELECTRICAL			
SURFACE RESISTIVITY	1E+0-1E+3	Ohms	ASTM D257
EMI SHIELDING	40-60	DB	ASTM D4935
PROCESSING			
DRYING TEMPERATURE	180	°F	
DRYING TIME	3-4	hrs	
MAX MOISTURE CONTENT	0.075	%	
MELT TEMPERATURE	460-490	°F	
MOLD TEMPERATURE	180	°F	
BACK PRESSURE	50-100	psi	
SCREW SPEED	40-70	rpm	
VENT DEPTH	0.0015-0.003	in	

DJV 1/21/10

<p>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 it's own determination as to the suitability of the product described. None of this information is to be taken as a license to operate under, or recommendation to infringe any patents</p>
