



2079 Center Square Road
Logan Township, NJ 08085

TECHNICAL DATA AND PROCESS SHEET

ANTI STATIC ACETAL COPLOYMER

INELEC POMCAS

TYPICAL PROPERTIES

PROPERTY	VALUE	UNIT	METHOD
PHYSICAL			
SPECIFIC GRAVITY	1.34	-	ASTM D792
WATER ABSORPTION	2.1	%	ASTM D570
MOLD SHRINKAGE, FLOW 0.125"	1.7-1.9	%	
MECHANICAL			
TENSILE STRENGTH, BRK	5,600	psi	ASTM D638
TENSILE ELONGATION (BRK)	45	%	ASTM D638
FLEXURAL MODULUS	200,000	psi	ASTM D790
IZOD IMPACT, NOTCHED	2.8	ft-lb/in	ASTM D256
THERMAL			
HDTUL @ 264 PSI	159	°F	ASTM D648
HDTUL @ 66 PSI	295	°F	ASTM D648
ELECTRICAL			
SURFACE RESISTIVITY	10E9 – 10E11	Ohm/Sq	ASTM D257
PROCESSING			
DRYING TEMPERATURE	180	°F	
DRYING TIME	4	hrs	
MELT TEMPERATURE	370-400	°F	
MOLD TEMPERATURE	180-200	°F	
BACK PRESSURE	25-50	psi	
SCREW SPEED	30-60	rpm	
VENT DEPTH	0.0005-0.001	in	

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