

TECHNICAL DATA AND PROCESS SHEET

PTFE/SILICONE LUBRICATED TPU

INLUBE INX-TPU-05140

TYPICAL PROPERTIES

PROPERTY	VALUE	UNIT	METHOD
PHYSICAL			
SPECIFIC GRAVITY	1.20	-	ASTM D792
MOLD SHRINKAGE, FLOW 0.125"	0.7-1.0	%	
SHORE HARDNESS	85A		ASTM D2240
MECHANICAL			
TENSILE STRENGTH, BRK	2,700	psi	ASTM D638
TENSILE ELONGATION	>40	%	ASTM D638
FLEXURAL MODULUS	6,000	psi	ASTM D790
IZOD IMPACT, NOTCHED	NB	ft-lb/in	ASTM D256
THERMAL			
HDTUL @ 264 PSI	90	°F	ASTM D648
ELECTRICAL			
SURFACE RESISTIVITY	>10EXP17	Ohm/Sq	ASTM D257
PROCESSING			
DRYING TEMPERATURE	200	°F	
DRYING TIME	4	hrs	
CYLINDER TEMPERATURE	370-415	°F	
MELT TEMPERATURE	410	°F	
MOLD TEMPERATURE	60-100	°F	
BACK PRESSURE	50-100	psi	
SCREW SPEED	40-70	rpm	
VENT DEPTH	0.001-0.002	in	

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