

## TECHNICAL DATA AND PROCESS SHEET

### PTFE/SILICONE LUBRICATED TPU

#### INLUBE INX-TPU-05141

#### TYPICAL PROPERTIES

PROPERTY	VALUE	UNIT	METHOD
<b>PHYSICAL</b>			
SPECIFIC GRAVITY	1.20	-	ASTM D792
MOLD SHRINKAGE, FLOW 0.125"	0.7-1.0	%	
SHORE HARDNESS	77A		ASTM D2240
<b>MECHANICAL</b>			
TENSILE STRENGTH, BRK	2,300	psi	ASTM D638
TENSILE ELONGATION	>40	%	ASTM D638
FLEXURAL MODULUS	5,000	psi	ASTM D790
IZOD IMPACT, NOTCHED	NB	ft-lb/in	ASTM D256
<b>THERMAL</b>			
HDTUL @ 264 PSI	85	°F	ASTM D648
<b>ELECTRICAL</b>			
SURFACE RESISTIVITY	>10EXP17	Ohm/Sq	ASTM D257
<b>PROCESSING</b>			
DRYING TEMPERATURE	200	°F	
DRYING TIME	4	hrs	
CYLINDER TEMPERATURE	370-400	°F	
MELT TEMPERATURE	390	°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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