

TECHNICAL DATA AND PROCESS SHEET

30 % GLASS FIBER REINFORCED/ 10% PTFE LUBRICATED POLYPHENYLENE SULFIDE

INLUBE PPSGF30TF10

TYPICAL PROPERTIES

<u>PROPERTY</u>	<u>VALUE</u>	<u>UNIT</u>	<u>METHOD</u>
PHYSICAL			
SPECIFIC GRAVITY	1.63	-	ASTM D792
WATER ABSORPTION	0.04	%	ASTM D570
MOLD SHRINKAGE, FLOW 0.125"	0.05-0.2	%	
MECHANICAL			
TENSILE STRENGTH, BRK	20,100	psi	ASTM D638
TENSILE ELONGATION	1-2	%	ASTM D638
FLEXURAL MODULUS	1,650,000	psi	ASTM D790
IZOD IMPACT, NOTCHED	1.7	ft-lb/in	ASTM D256
THERMAL			
HDTUL @ 264 PSI	505	°F	ASTM D648
ELECTRICAL			
SURFACE RESISTIVITY	10exp17	Ohm/Sq	ASTM D257
PROCESSING			
DRYING TEMPERATURE	300	°F	
DRYING TIME	4	hrs	
MELT TEMPERATURE	600-630	°F	
MOLD TEMPERATURE	275-350	°F	
BACK PRESSURE	50-100	psi	
SCREW SPEED	40-70	rpm	
VENT DEPTH	0.0003-0.0005	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 this information is to be taken as a license to operate under, or recommendation to infringe any patents