

TECHNICAL DATA AND PROCESS SHEET

20% GLASS FIBER REINFORCED PERFLUOROALKOXY

INSTRUC PFAGF20

TYPICAL PROPERTIES

<u>PROPERTY</u>	<u>VALUE</u>	<u>UNIT</u>	<u>METHOD</u>
PHYSICAL			
SPECIFIC GRAVITY	2.22	-	ASTM D792
WATER ABSORPTION	0.035	%	ASTM D570
MOLD SHRINKAGE, FLOW 0.125"	0.4-0.6	%	ASTM D955
MECHANICAL			
TENSILE STRENGTH, BRK	6,000	psi	ASTM D638
TENSILE ELONGATION	4 - 6	%	ASTMD638
FLEXURAL STRENGTH	10,500	psi	ASTM D790
FLEXURAL MODULUS	650,000	psi	ASTM D790
IZOD IMPACT, NOTHCED	6.0	ft-lb/in	ASTM D256
THERMAL			
HDTUL @ 264 PSI	300	°F	ASTM D648
FLAMMABILITY	V-0@ 1.5 mm		
PROCESSING			
DRYING TEMPERATURE	250	°F	
DRYING TIME	2-4	hrs	
MELT TEMPERATURE	650-750	°F	
MOLD TEMPERATURE	250-450	°F	
BACK PRESSURE	50-100	psi	
SCREW SPEED	40-70	rpm	

12/16/10 DJV

<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>
