

TECHNICAL DATA AND PROCESS SHEET

10% GLASS FIBER REINFORCED AND 15% GLASS BEAD FILLED, CHEMICALLY COUPLED POLYPROPYLENE

INSTRUC PPGF10GB15CC

TYPICAL PROPERTIES

PROPERTY	VALUE	UNIT	METHOD
PHYSICAL			
SPECIFIC GRAVITY	1.07	-	ASTM D792
MOLD SHRINKAGE, FLOW 0.125"	0.3-0.7	%	ASTM D955
MECHANICAL			
TENSILE STRENGTH, BRK	4,500	psi	ASTM D638
TENSILE ELONGATION	5-10	%	ASTM D638
FLEXURAL MODULUS	350,000	psi	ASTM D790
IZOD IMPACT, NOTCHED	0.6	ft-lb/in	ASTM D256
IZOD IMPACT, UNNOTCHED	6-10	ft-lb/in	ASTM D4812
THERMAL			
HDTUL @ 264 PSI	235	°F	ASTM D648
ELECTRICAL			
SURFACE RESISTIVITY	10^{17}	Ohms/Sq	ASTM D257
PROCESSING			
DRYING TEMPERATURE	170	°F	
DRYING TIME (not required)	2-4	hrs	
MELT TEMPERATURE	380-440	°F	
MOLD TEMPERATURE	100-150	°F	
BACK PRESSURE	50-100	psi	
SCREW SPEED	40-70	rpm	

6/12/12 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>
