

TECHNICAL DATA AND PROCESS SHEET

20% MINERAL FILLED POLYPROPYLENE

INSTRUC PPMIN20

TYPICAL PROPERTIES

PROPERTY	VALUE	UNIT	METHOD
PHYSICAL			
SPECIFIC GRAVITY	1.25	-	ASTM D792
WATER ABSORPTION	0.02	%	ASTM D570
MOLD SHRINKAGE, FLOW 0.125"	1.4-1.8	in/in	ASTM D955
MECHANICAL			
TENSILE STRENGTH, BRK	4,500	psi	ASTM D638
FLEXURAL STRENGTH	6,800	psi	ASTM D790
FLEXURAL MODULUS	325,000	psi	ASTM D790
IZOD IMPACT, NOTCHED	1.1	ft-lb/in	ASTM D256
IZOD IMPACT, UNNOTCHED	22-26	ft-lb/in	ASTM D256
THERMAL			
HDTUL @ 264 PSI	145	°F	ASTM D648
ELECTRICAL			
SURFACE RESISTIVITY	>10exp17	Ohms/Sq	ASTM D257
PROCESSING			
DRYING TEMPERATURE	170	°F	
DRYING TIME	2-4	hrs	
MELT TEMPERATURE	380-440	°F	
MOLD TEMPERATURE	90-150	°F	

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