

# INSTRUC PPMIN20

Polypropylene

Infinity LTL Engineered Compounds

Message:

20% MINERAL FILLED POLYPROPYLENE

General Information			
Filler / Reinforcement	Mineral,20% Filler by Weight		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	1.4 to 1.8	%	ASTM D955
Water Absorption (Equilibrium)	0.020	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	31.0	MPa	ASTM D638
Flexural Modulus	2240	MPa	ASTM D790
Flexural Strength	46.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	59	J/m	ASTM D256
Unnotched Izod Impact	1200 to 1400	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	62.8	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	> 1.0E+17	ohms	ASTM D257
Injection	Nominal Value	Unit	
Drying Temperature	76.7	°C	
Drying Time	2.0 to 4.0	hr	
Processing (Melt) Temp	193 to 227	°C	
Mold Temperature	32.2 to 65.6	°C	

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## Recommended distributors for this material

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