

DENISTAT P 20C 02 C

Polypropylene Copolymer
Vamp Tech

Message:
PP copo 20% carbon fiber reinforced, surface resistivity 10^2 ohm.

General Information			
Filler / Reinforcement	Carbon Fiber,20% Filler by Weight		
Features	Copolymer		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.00	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.70	%	
Across Flow	0.80	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	7500	MPa	ASTM D638
Tensile Strength (Yield)	35.0	MPa	ASTM D638
Tensile Elongation (Break)	1.0	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	5.0	kJ/m ²	ISO 180/A
Unnotched Izod Impact Strength	10	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	90.0	°C	ASTM D1525 ¹
RTI Elec	100	°C	UL 746
RTI Imp	100	°C	UL 746
RTI Str	100	°C	UL 746
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+2	ohms	ASTM D257
Injection	Nominal Value	Unit	
Drying Temperature	70.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	220	°C	
Mold Temperature	70.0	°C	
NOTE			
1.	Loading 2 (50 N)		

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