

DENILEN M 2013

Polypropylene

Vamp Tech

Message:

PP, 20% mineral filled, not Flame Retardant compound, good mechanical properties.

General Information			
Filler / Reinforcement	Mineral,20% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	1.3	%	
Across Flow	1.3	%	
Water Absorption (Saturation)	0.020	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	2000	MPa	ASTM D790
Flexural Strength	55.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	3.5	kJ/m ²	ISO 180/A
Unnotched Izod Impact Strength	40	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	73.0	°C	ASTM D648A
Vicat Softening Temperature	105	°C	ASTM D1525 ¹
RTI Elec	110	°C	UL 746
RTI Imp	110	°C	UL 746
RTI Str	110	°C	UL 746
Injection	Nominal Value	Unit	
Drying Temperature	70.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	210	°C	
Mold Temperature	60.0	°C	
NOTE			
1.	Loading 2 (50 N)		

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