

DENYL 6 4022

Polyamide 6
Vamp Tech

Message:
PA 6, 40% mineral filled, not Flame Retardant compound, good mechanical properties.

General Information			
Filler / Reinforcement	Mineral,40% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.45	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.80	%	
Across Flow	1.0	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3500	MPa	ASTM D638
Tensile Strength (Yield)	50.0	MPa	ASTM D638
Tensile Elongation (Break)	> 5.0	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	6.5	kJ/m ²	ISO 180/A
Unnotched Izod Impact Strength	65	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	70.0	°C	ASTM D648A
Vicat Softening Temperature	205	°C	ASTM D1525 ¹
RTI Elec	120	°C	UL 746
RTI Imp	120	°C	UL 746
RTI Str	120	°C	UL 746
Injection	Nominal Value	Unit	
Drying Temperature	90.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	250	°C	
Mold Temperature	80.0	°C	
NOTE			
1.	Loading 2 (50 N)		

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