

DENYL 6 3022

Polyamide 6
Vamp Tech

Message:
PA 6, 30% mineral filled, not Flame Retardant compound, good mechanical properties.

General Information			
Filler / Reinforcement	Mineral,30% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38	g/cm³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	1.0	%	
Across Flow	1.0	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3500	MPa	ASTM D638
Tensile Strength (Yield)	55.0	MPa	ASTM D638
Tensile Elongation (Break)	> 5.0	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	5.0	kJ/m²	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	65.0	°C	ASTM D648A
Vicat Softening Temperature	195	°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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