

DENYL 66 3010

Polyamide 66

Vamp Tech

Message:

PA 66, 30% glass fiber reinforced, not Flame Retardant compound, very good mechanical properties.

General Information				
Filler / Reinforcement		Glass Fiber,30% Filler by Weight		
Physical	Dry	Conditioned	Unit	Test Method
Specific Gravity	1.36	--	g/cm ³	ASTM D792
Molding Shrinkage				ASTM D955
Flow	0.50	--	%	
Across Flow	1.0	--	%	
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	9000	--	MPa	ASTM D638
Tensile Strength				
Yield	180	130	MPa	ASTM D638
Yield	--	130	MPa	ISO 527-2
Tensile Elongation (Break)	3.5	--	%	ASTM D638
Flexural Modulus	--	6100	MPa	ASTM D790, ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Notched Izod Impact Strength	10	--	kJ/m ²	ISO 180/A
Unnotched Izod Impact Strength	70	--	kJ/m ²	ISO 180
Thermal	Dry	Conditioned	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	250	--	°C	ASTM D648A
Vicat Softening Temperature	250	--	°C	ASTM D1525 ¹
RTI Elec	140	--	°C	UL 746
RTI Imp	140	--	°C	UL 746
RTI Str	140	--	°C	UL 746
Injection	Dry	Unit		
Drying Temperature	90.0		°C	
Drying Time	3.0		hr	
Processing (Melt) Temp	280		°C	
Mold Temperature	100		°C	
NOTE				
1.	Loading 2 (50 N)			

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