DENYL 66 4060

Polyamide 66

Vamp Tech

Message:

PA 66, 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	1.49	g/cm³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.80	%	
Across Flow	1.0	%	
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	6000	MPa	ASTM D638
Tensile Strength (Yield)	60.0	MPa	ASTM D638
Tensile Elongation (Break)	2.5	%	ASTM D638
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact Strength	3.5	kJ/m²	ISO 180/A
Unnotched Izod Impact Strength	20	kJ/m²	ISO 180
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (1.8 MPa, Unannealed)	160	°C	ASTM D648A
Vicat Softening Temperature	235	°C	ASTM D1525 [1]
RTI Elec	130	°C	UL 746
RTI Imp	130	°C	UL 746
RTI Str	130	°C	UL 746
Injection	**Nominal Value**	**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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