DENIFORM 2510

Acetal (POM) Copolymer

Vamp Tech

Message:

POM, 25% glass fiber reinforced, not Flame Retardant compound, good mechanical properties.

General Information			
Filler / Reinforcement	Glass Fiber,25% Filler by Weight		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.56	g/cm³	ASTM D792
Water Absorption (Saturation)	0.80	%	ASTM D570
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	7000	MPa	ASTM D638
Tensile Strength (Yield)	110	MPa	ASTM D638
Tensile Elongation (Break)	2.2	%	ASTM D638
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact Strength	5.0	kJ/m²	ISO 180/A
Unnotched Izod Impact Strength	26	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	160	°C	ASTM D1525 [1]
RTI Elec	90.0	°C	UL 746
RTI Imp	90.0	°C	UL 746
RTI Str	90.0	°C	UL 746
Injection	**Nominal Value**	**Unit**	
Drying Temperature	70.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	190	°C	
Mold Temperature	90.0	°C	
NOTE			
1.	Loading 2 (50 N)		

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