

# DENIFORM 1010

Acetal (POM) Copolymer

Vamp Tech

## Message:

POM, 10% glass fiber reinforced, not Flame Retardant compound, good mechanical properties.

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.46	g/cm <sup>3</sup>	ASTM D792
Water Absorption (Saturation)	0.80	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4500	MPa	ASTM D638
Tensile Strength (Yield)	95.0	MPa	ASTM D638
Tensile Elongation (Break)	3.6	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	4.5	kJ/m <sup>2</sup>	ISO 180/A
Unnotched Izod Impact Strength	35	kJ/m <sup>2</sup>	ISO 180
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	160	°C	ASTM D1525 <sup>1</sup>
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	Test Method
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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Recommended distributors for this material

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