

Tenopom® POM B3 G10 PRTA011 PR319

Acetal (POM) Copolymer

Petropol Industry and Trade of Polymers LTDA

Message:

Polyacetal copolymer in black color with 10% glass fiber, easy processing. Ideal for injection molding.

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Features	Copolymer		
	Good Processability		
Appearance	Black		
Processing Method	Injection Molding		
Resin ID (ISO 1043)	>POM GF10<		
Physical	Nominal Value	Unit	Test Method
Density	1.47 to 1.49	g/cm ³	ISO 1183
Molding Shrinkage	1.5	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	3.00	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Flexural Modulus	4500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	5.0	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	150	°C	ISO 75-2/A
Melting Temperature (DSC)	215 to 220	°C	ISO 3146
Injection	Nominal Value	Unit	
Drying Temperature	90.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	220 to 240	°C	
Mold Temperature	80.0	°C	

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