

MAXATEL® ACGC25A-NAT

Acetal (POM) Copolymer

Pier One Polymers, Inc.

Message:

MAXATEL®ACGC25A-NAT is a polyoxymethylene (POM) copolymer material, and its filler is 25% glass fiber reinforced material. This product is available in North America and is processed by injection molding. MAXATEL®The main characteristics of the ACGC25A-NAT are: copolymer.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 25% filler by weight		
Features	Copolymer		
Appearance	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.58	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	5.0 - 7.0	g/10 min	ASTM D1238
Ash Content	22 - 28	%	ASTM D4218
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	103	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	5.0	%	ASTM D638
Flexural Modulus (23°C)	7590	MPa	ASTM D790
Flexural Strength (23°C)	145	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	54	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	149	°C	ASTM D648
Peak Melting Temperature	166	°C	ASTM D3418
Injection	Nominal Value	Unit	
Drying Temperature	82	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	182 - 198	°C	
Mold Temperature	82 - 93	°C	

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Recommended distributors for this material

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