

Generic Acetal (POM) Homopolymer - Carbon Fiber

Acetal (POM) Homopolymer

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic Acetal (POM) Homopolymer - Carbon Fiber
This information is provided for comparative purposes only.

General Information			
Filler / Reinforcement	Carbon fiber reinforced material		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.44 - 1.59	g/cm ³	ASTM D792
Molding Shrinkage - Flow (23°C)	0.20 - 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus (23°C)	6210 - 13800	MPa	ASTM D790
Flexural Strength (23°C)	110 - 111	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	43 - 54	J/m	ASTM D256
Unnotched Izod Impact (23°C)	270 - 430	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	151 - 171	°C	ASTM D648
Injection	Nominal Value	Unit	
Mold Temperature	93.3 - 96.1	°C	
Injection instructions			

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Recommended distributors for this material

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