

# EnCom GF PC10

Polycarbonate

EnCom, Inc.

Message:

EnCom GF PC10 is a Polycarbonate (PC) material filled with 10% glass fiber. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America for injection molding or profile extrusion.  
Typical applications include:  
Automotive  
Business/Office Goods

General Information	
Filler / Reinforcement	Glass Fiber,10% Filler by Weight
Uses	Automotive Applications
	Business Equipment
Appearance	Black
	Colors Available
	Natural Color
Forms	Pellets
Processing Method	Injection Molding
	Profile Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.27	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	15	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	3.0 to 5.0	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	65.5	MPa	ASTM D638
Flexural Modulus	3100	MPa	ASTM D790
Flexural Strength	100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	53	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.18 mm)	135	°C	ASTM D648

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Recommended distributors for this material

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