

EnCom F0PC10GF

Polycarbonate

EnCom, Inc.

Message:

EnCom F0PC10GF is a Polycarbonate (PC) material filled with glass fiber. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America for injection molding.

Important attributes of EnCom F0PC10GF are:

Flame Rated

Flame Retardant

Typical application of EnCom F0PC10GF: Electrical/Electronic Applications

General Information			
UL YellowCard	E175765-267506		
Filler / Reinforcement	Glass Fiber		
Features	Flame Retardant		
Uses	Electrical/Electronic Applications		
Appearance	Black		
	Colors Available		
	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.40	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	65.3	MPa	ASTM D638
Tensile Elongation (Break)	7.0	%	ASTM D638
Flexural Modulus	3380	MPa	ASTM D790
Flexural Strength	101	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed, 3.18 mm	147	°C	
1.8 MPa, Unannealed, 3.18 mm	143	°C	
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.57 mm	V-0		
3.18 mm	5VA		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any

infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

