

ESTACARB PC 0860GF V1

Polycarbonate
Cossa Polimeri S.r.l.

Message:

ESTACARB PC 0860GF V1 is a polycarbonate (PC) product, which contains a 30% glass fiber reinforced material. It is available in Europe. Typical application areas are: electrical/electronic applications.
Features include:
flame retardant/rated flame
Flame Retardant
Heat resistance

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 30% filler by weight		
Features	Heat resistance, medium		
	Flame retardancy		
Uses	Electrical/Electronic Applications		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.42	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	8.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.20 - 0.40	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	70.0	MPa	ASTM D638
Tensile Elongation (Yield)	4.0	%	ASTM D638
Flexural Modulus	5400	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
0°C	70	J/m	ASTM D256
23°C	80	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	150	°C	ASTM D1525 ¹
--	147	°C	ASTM D1525 ²
Ball Indentation Temperature	135	°C	IEC 60598-1
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.60 mm	V-1		UL 94
3.20 mm	V-1		UL 94
Glow Wire Ignition Temperature	960	°C	IEC 60695-2-13
Additional Information			
Note: Ball Indention Temperature, IEC 60598-1 was tested in accordance with IEC 695-1-2.			

NOTE

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| 1. | 压 力1 (10N) |
| 2. | 载荷2 (50N) |

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