

ESTACARB PC 0820GF V0

Polycarbonate
Cossa Polimeri S.r.l.

Message:

ESTACARB PC 0820GF V0 is a polycarbonate (PC) product. It is available in Europe. The application fields of ESTACARB PC 0820GF V0 include electrical/electronic applications and engineering/industrial accessories.

Features include:

- flame retardant/rated flame
- Flame Retardant
- Good UV resistance
- Impact resistance
- Heat resistance

General Information			
Features	Impact resistance, good		
	Good UV resistance		
	Heat resistance, medium		
	Halogen-free		
	Flame retardancy		
Uses	Electrical/Electronic Applications		
	Engineering accessories		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.26	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	0.30 - 0.50	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	60.0	MPa	ASTM D638
Tensile Elongation (Yield)	4.0	%	ASTM D638
Flexural Modulus	3600	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
0°C	130	J/m	ASTM D256
23°C	150	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	150	°C	ASTM D1525 ¹
--	145	°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-0	UL 94
3.20 mm	V-0	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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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



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