

ESTACARB PC 0820 V0

Polycarbonate

Cossa Polimeri S.r.l.

Message:

ESTACARB PC 0820 V0 is a polycarbonate (PC) product. It is available in Europe. The application fields of ESTACARB PC 0820 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	1.20	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	8.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.50 - 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	70.0	MPa	ASTM D638
Fracture	70.0	MPa	ASTM D638
Tensile Elongation (Yield)	95	%	ASTM D638
Flexural Modulus	2600	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
0°C	150	J/m	ASTM D256
23°C	200	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	140	°C	ASTM D1525 ¹
--	134	°C	ASTM D1525 ²

Ball Indentation Temperature	125	°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			
1.	压 力1 (10N)		
2.	载 荷2 (50N)		

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