

ESTACARB 0820 GF V0-5V

Polycarbonate
Cossa Polimeri S.r.l.

Message:

ESTACARB 0820 GF V0-5V is a Polycarbonate (PC) product filled with 10% glass fiber. It is available in Europe. Applications of ESTACARB 0820 GF V0-5V include electrical/electronic applications and engineering/industrial parts.

Characteristics include:

- Flame Rated
- Flame Retardant
- Good Dimensional Stability
- Good Processability
- Good UV Resistance

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Features	Bromine Free		
	Flame Retardant		
	Good Dimensional Stability		
	Good Flow		
	Good Processability		
	Good UV Resistance		
	High Stiffness		
Uses	Electrical/Electronic Applications		
	Engineering Parts		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.28	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 to 0.50	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	65.0	MPa	ASTM D638
Tensile Elongation (Break)	4.0	%	ASTM D638
Flexural Modulus	3500	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
0°C	100	J/m	
23°C	110	J/m	
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 60335-1
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.60 mm	V-0		
3.20 mm	V-0		
Glow Wire Ignition Temperature (2.00 mm)	960	°C	IEC 60695-2-13
NOTE			
1.	Rate A (50°C/h), Loading 1 (10 N)		
2.	Rate A (50°C/h), Loading 2 (50 N)		

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



WECHAT