

ESTACARB 1560 V0

Polycarbonate
Cossa Polimeri S.r.l.

Message:

ESTACARB 1560 V0 is a Polycarbonate (PC) product. It is available in Europe. Applications of ESTACARB 1560 V0 include appliances, electrical/electronic applications and engineering/industrial parts.

Characteristics include:

- Flame Rated
- Flame Retardant
- Halogen Free
- Heat Resistant
- High Flow

General Information			
Features	Antimony Free		
	Bromine Free		
	Flame Retardant		
	High Flow		
	High Heat Resistance		
	High Impact Resistance		
Uses	Appliances		
	Electrical/Electronic Applications		
	Engineering Parts		
Appearance	Opaque		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	15	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.50 to 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	65.0	MPa	
Break	55.0	MPa	
Tensile Elongation (Break)	> 50	%	ASTM D638
Flexural Modulus	2500	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
0°C	500	J/m	
23°C	550	J/m	
Thermal	Nominal Value	Unit	Test Method

Vicat Softening Temperature			
--	148	°C	ASTM D1525 ¹
--	145	°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)		

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Recommended distributors for this material

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