

ESTACARB 1560 V0 HF

Polycarbonate
Cossa Polimeri S.r.l.

Message:

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

Characteristics include:

- Flame Rated
- Halogen Free
- Flame Retardant
- Good Processability
- Good UV Resistance

General Information			
Features	Antimony Free		
	Bromine Free		
	Chlorine Free		
	Flame Retardant		
	Good Flow		
	Good Processability		
	Good UV Resistance		
	High Heat Resistance		
	High Impact Resistance		
Uses	Electrical Parts		
	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	60.0	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	550	J/m	
23°C	600	J/m	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	148	°C	ASTM D1525 ¹
--	146	°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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