

ESTADIENE 0460 GF

Acrylonitrile Butadiene Styrene

Cossa Polimeri S.r.l.

Message:

ESTADIENE 0460 GF is an Acrylonitrile Butadiene Styrene (ABS) product filled with 30% glass fiber. It is available in Europe. Applications of ESTADIENE 0460 GF include electrical/electronic applications, engineering/industrial parts and fabrics/fibers.

Characteristics include:

- Flame Rated
- Good Dimensional Stability
- Impact Resistant
- Low Shrinkage

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	Good Dimensional Stability		
	Good Impact Resistance		
	Low Shrinkage		
Uses	Camera Applications		
	Engineering Parts		
	Textile Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	5.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.10 to 0.30	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	70.0	MPa	ASTM D638
Tensile Elongation (Break)	1.6	%	ASTM D638
Flexural Modulus	6500	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
0°C	60	J/m	
23°C	70	J/m	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	115	°C	ASTM D1525 ¹
--	106	°C	ASTM D1525 ²
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94

1.60 mm	HB		
3.20 mm	HB		
Glow Wire Ignition Temperature (2.00 mm)	650	°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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