

# ESTADIENE 0417 GF

Acrylonitrile Butadiene Styrene

Cossa Polimeri S.r.l.

Message:

ESTADIENE 0417 GF is an Acrylonitrile Butadiene Styrene (ABS) product filled with 17% glass fiber. It is available in Europe. Applications of ESTADIENE 0417 GF include automotive and engineering/industrial parts.

Characteristics include:

Flame Rated

Good Processability

Heat Resistant

General Information			
Filler / Reinforcement	Glass Fiber,17% Filler by Weight		
Features	Good Processability		
	High Heat Resistance		
Uses	Automotive Applications		
	Engineering Parts		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.15	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	9.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.20 to 0.40	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	60.0	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	5000	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
0°C	50	J/m	
23°C	70	J/m	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	113	°C	ASTM D1525 <sup>1</sup>
--	105	°C	ASTM D1525 <sup>2</sup>
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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## Recommended distributors for this material

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