

ESTABLEND 0820 GF

Polycarbonate + ABS

Cossa Polimeri S.r.l.

Message:

ESTABLEND 0820 GF is a Polycarbonate + ABS (PC+ABS) product filled with 10% glass fiber. It is available in Europe. Applications of ESTABLEND 0820 GF include automotive, engineering/industrial parts and fabrics/fibers.

Characteristics include:

Flame Rated

Heat Resistant

Impact Resistant

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Features	Good Impact Resistance		
	Medium Heat Resistance		
Uses	Automotive Applications		
	Engineering Parts		
	Textile Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/5.0 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)	64.0	MPa	ASTM D638
Tensile Elongation (Break)	4.0	%	ASTM D638
Flexural Modulus	3600	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
0°C	100	J/m	
23°C	120	J/m	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	140	°C	ASTM D1525 ¹
--	130	°C	ASTM D1525 ²
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.60 mm	HB		
3.20 mm	HB		
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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