

# ESTABLEND 8500

Polycarbonate + ABS

Cossa Polimeri S.r.l.

Message:

ESTABLEND 8500 is a Polycarbonate + ABS (PC+ABS) product. It is available in Europe. Applications of ESTABLEND 8500 include automotive and engineering/industrial parts.

Characteristics include:

- Flame Rated
- Heat Resistant
- Impact Resistant

General Information			
Features	High Heat Resistance		
	High Impact 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) (260°C/5.0 kg)	13	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	62.0	MPa	
Break	50.0	MPa	
Tensile Elongation (Break)	50	%	ASTM D638
Flexural Modulus	2400	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
0°C	450	J/m	
23°C	500	J/m	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	142	°C	ASTM D1525 <sup>1</sup>
--	132	°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)	750	°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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