

## Cossa Polimeri ESTABLEND 0820 GF Polycarbonate ABS Blend, 10% Glass Filled

Category : Polymer , Thermoplastic , ABS Polymer , Polycarbonate/ABS Alloy, Glass Fiber Filled , Polycarbonate (PC)

### Material Notes:

Polycarbonate and Acrylonitrile Butadiene Styrene blend with 10% glass fiber reinforcement Good impact resistance, good thermal resistance  
Information provided by Cossa Polimeri S.r.l.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Cossa-Polimeri-ESTABLEND-0820-GF-Polycarbonate-ABS-Blend-10-Glass-Filled.php](http://www.lookpolymers.com/polymer_Cossa-Polimeri-ESTABLEND-0820-GF-Polycarbonate-ABS-Blend-10-Glass-Filled.php)

Physical Properties	Metric	English	Comments
Density	1.18 g/cc	0.0426 lb/in <sup>3</sup>	ASTM D 792
Linear Mold Shrinkage	0.0030 - 0.0050 cm/cm	0.0030 - 0.0050 in/in	ASTM D 955
Melt Flow	8.0 g/10 min @Load 5.00 kg, Temperature 260 °C	8.0 g/10 min @Load 11.0 lb, Temperature 500 °F	ASTM D 1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	64.0 MPa	9280 psi	ASTM D 638
Elongation at Break	4.0 %	4.0 %	ASTM D 638
Flexural Modulus	3.60 GPa	522 ksi	ASTM D 790
Izod Impact, Notched	1.00 J/cm @Temperature 0.000 °C	1.87 ft-lb/in @Temperature 32.0 °F	ASTM D 638
	1.20 J/cm @Temperature 23.0 °C	2.25 ft-lb/in @Temperature 73.4 °F	ASTM D 256

Thermal Properties	Metric	English	Comments
Vicat Softening Point	130 °C @Load 5.00 kg	266 °F @Load 11.0 lb	50°C/hr; ASTM D 1525
	140 °C @Load 0.999 kg	284 °F @Load 2.20 lb	50°C/hr; ASTM D 1525
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	
	HB	HB	

Thermal Properties	@Thickness 3.20 mm Metric	@Thickness 0.126 in English	Comments
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## Contact Songhan Plastic Technology Co.,Ltd.

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