

## Cossa Polimeri ESTABLEND PA 1560 T8 GF ABS / Nylon 6 Blend, 30% Glass & Mineral Filled

Category : Polymer , Thermoplastic , ABS Polymer , Nylon , Nylon 6

**Material Notes:**

ESTABLEND PA is a blend of acrylonitrile butadiene styrene and polyamide 6.30% glass fiber and mineral filler Good impact strength, high chemical resistance, excellent heat resistance, high dimensional stability, low shrinkage Information provided by Cossa Polimeri S.r.l.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Cossa-Polimeri-ESTABLEND-PA-1560-T8-GF-ABS-Nylon-6-Blend-30-Glass-Mineral-Filled.php](http://www.lookpolymers.com/polymer_Cossa-Polimeri-ESTABLEND-PA-1560-T8-GF-ABS-Nylon-6-Blend-30-Glass-Mineral-Filled.php)

Physical Properties	Metric	English	Comments
Density	1.30 g/cc	0.0470 lb/in <sup>3</sup>	ISO 1183
Linear Mold Shrinkage	0.0020 - 0.0040 cm/cm	0.0020 - 0.0040 in/in	ISO 2577
Melt Flow	15 g/10 min @Load 10.0 kg, Temperature 240 °C	15 g/10 min @Load 22.0 lb, Temperature 464 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	70.0 MPa	10200 psi	ISO 527
Elongation at Break	2.0 %	2.0 %	ISO 527
Tensile Modulus	6.50 GPa	943 ksi	ISO 527
Flexural Modulus	5.80 GPa	841 ksi	ISO 178
Izod Impact, Notched	0.0500 J/cm @Temperature 23.0 °C	0.0937 ft-lb/in @Temperature 73.4 °F	ISO 180/A

Thermal Properties	Metric	English	Comments
Vicat Softening Point	135 °C @Load 0.999 kg	275 °F @Load 2.20 lb	50°C/hr; ISO 306
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	
	HB @Thickness 3.20 mm	HB @Thickness 0.126 in	

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