

## Cossa Polimeri ESTAPROP H 0560 GF Polypropylene, 30% Glass Filled

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 30% Glass Fiber Filler

### Material Notes:

PP homopolymer 30% glass fiber reinforced Good physical and mechanical characteristics Information provided by Cossa Polimeri S.r.l.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Cossa-Polimeri-ESTAPROP-H-0560-GF-Polypropylene-30-Glass-Filled.php](http://www.lookpolymers.com/polymer_Cossa-Polimeri-ESTAPROP-H-0560-GF-Polypropylene-30-Glass-Filled.php)

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in <sup>3</sup>	ASTM D 792
Linear Mold Shrinkage	0.0040 - 0.0060 cm/cm	0.0040 - 0.0060 in/in	ASTM D 955
Melt Flow	3.0 g/10 min @Load 2.16 kg, Temperature 230 °C	3.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D 1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	60.0 MPa	8700 psi	ASTM D 638
Elongation at Break	3.0 %	3.0 %	ASTM D 638
Tensile Modulus	6.50 GPa	943 ksi	ASTM D 638
Flexural Modulus	6.00 GPa	870 ksi	ASTM D 790
Izod Impact, Notched	0.300 J/cm @Temperature -20.0 °C	0.562 ft-lb/in @Temperature -4.00 °F	ASTM D 638
	0.500 J/cm @Temperature 0.000 °C	0.937 ft-lb/in @Temperature 32.0 °F	ASTM D 638
	0.600 J/cm @Temperature 23.0 °C	1.12 ft-lb/in @Temperature 73.4 °F	ASTM D 256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	120 °C	248 °F	120°C/hr; ASTM D 648
Vicat Softening Point	120 °C @Load 5.00 kg	248 °F @Load 11.0 lb	50°C/hr; ASTM D 1525
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	

Thermal Properties	HB Metric	HB English	Comments
	@Thickness 3.20 mm	@Thickness 0.126 in	

## Contact Songhan Plastic Technology Co.,Ltd.

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