

**Cossa Polimeri ESTAPROP KUR 1060 GFC Polypropylene, 30% Glass Filled**

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

**Material Notes:**

PP copolymer 30% chemically coupled glass fiberElastomer modified, good impact strengthInformation provided by Cossa Polimeri S.r.l.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Cossa-Polimeri-ESTAPROP-KUR-1060-GFC-Polypropylene-30-Glass-Filled.php](http://www.lookpolymers.com/polymer_Cossa-Polimeri-ESTAPROP-KUR-1060-GFC-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	10 g/10 min @Load 2.16 kg, Temperature 230 °C	10 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D 1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	65.0 MPa	9430 psi	ASTM D 638
Elongation at Break	5.0 %	5.0 %	ASTM D 638
Tensile Modulus	6.20 GPa	899 ksi	ASTM D 638
Flexural Modulus	5.50 GPa	798 ksi	ASTM D 790
Izod Impact, Notched	1.30 J/cm @Temperature 0.000 °C	2.44 ft-lb/in @Temperature 32.0 °F	ASTM D 638
	1.70 J/cm @Temperature 23.0 °C	3.18 ft-lb/in @Temperature 73.4 °F	ASTM D 256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	130 °C	266 °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	
	HB @Thickness 3.20 mm	HB @Thickness 0.126 in	

## **Contact Songhan Plastic Technology Co.,Ltd.**

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