

Cossa Polimeri ESTAPROP H0260 MC/EC Conductive Polypropylene, Mineral Filled

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Mineral Reinforced

Material Notes:

Information provided by Cossa Polimeri S.r.l.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cossa-Polimeri-ESTAPROP-H0260-MCEC-Conductive-Polypropylene-Mineral-Filled.php

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in ³	ASTM D 792
Linear Mold Shrinkage	0.0070 - 0.0090 cm/cm	0.0070 - 0.0090 in/in	ASTM D 955
Melt Flow	1.0 - 4.0 g/10 min @Load 2.16 kg, Temperature 230 °C	1.0 - 4.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D 1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	28.0 MPa	4060 psi	ASTM D 638
Elongation at Break	1.6 %	1.6 %	ASTM D 638
Tensile Modulus	5.20 GPa	754 ksi	ASTM D 638
Flexural Modulus	4.30 GPa	624 ksi	ASTM D 790
Izod Impact, Notched	0.200 J/cm @Temperature 23.0 °C	0.375 ft-lb/in @Temperature 73.4 °F	ASTM D 256

Thermal Properties	Metric	English	Comments
Vicat Softening Point	112 °C @Load 5.10 kg	234 °F @Load 11.2 lb	50°C/hr; ASTM D 1525

Electrical Properties	Metric	English	Comments
Surface Resistance	<= 3000 ohm	<= 3000 ohm	ASTM D257

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