

Cossa Polimeri ESTAPROP KUR 1010 TG05 Polypropylene, 5% Mineral Filled

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

Material Notes:

PP copolymer 5% mineral fillerElastomer modified, very high impact strength at low temperatureInformation provided by Cossa Polimeri S.r.l.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cossa-Polimeri-ESTAPROP-KUR-1010-TG05-Polypropylene-5-Mineral-Filled.php

Physical Properties	Metric	English	Comments
Density	0.960 g/cc	0.0347 lb/in ³	ASTM D 792
Linear Mold Shrinkage	0.012 - 0.015 cm/cm	0.012 - 0.015 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, Yield	20.0 MPa	2900 psi	ASTM D 638
Elongation at Break	>= 200 %	>= 200 %	ASTM D 638
Tensile Modulus	1.00 GPa	145 ksi	ASTM D 638
Flexural Modulus	>= 0.800 GPa	>= 116 ksi	ASTM D 790
Izod Impact, Notched	10.0 J/cm @Temperature -20.0 °C	18.7 ft-lb/in @Temperature -4.00 °F	ASTM D 638
	NB @Temperature 23.0 °C	NB @Temperature 73.4 °F	ASTM D 256

Thermal Properties	Metric	English	Comments
Vicat Softening Point	>= 50.0 °C @Load 5.00 kg	>= 122 °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	

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