

Cossa Polimeri ESTAPROP KUR 0550 V0 HF Flame Retardant Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Flame Retardant

Material Notes:

PP copolymer elastomer modified Flame retardant class V0, halogen free, high impact strength Information provided by Cossa Polimeri S.r.l.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cossa-Polimeri-ESTAPROP-KUR-0550-V0-HF-Flame-Retardant-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	1.08 g/cc	0.0390 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	5.0 g/10 min @Load 2.16 kg, Temperature 230 °C	5.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D 1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	16.0 MPa	2320 psi	ASTM D 638
Elongation at Break	50 %	50 %	ASTM D 638
Flexural Modulus	1.30 GPa	189 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
	0.800 J/cm @Temperature 23.0 °C	1.50 ft-lb/in @Temperature 73.4 °F	ASTM D 256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	45.0 °C	113 °F	120°C/hr; ASTM D 648
Vicat Softening Point	135 °C @Load 0.999 kg	275 °F @Load 2.20 lb	50°C/hr; ASTM D 1525
Flammability, UL94	V-0 @Thickness 1.60 mm	V-0 @Thickness 0.0630 in	
	V-0 @Thickness 3.20 mm	V-0 @Thickness 0.126 in	

Thermal Properties	Metric	English	Comments
Glow Wire Test	@Thickness 2.00 mm	@Thickness 0.0787 in	I.E.C. 695-2-1

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China