

## Cossa Polimeri ESTAPROP 1040 V2 K Flame Retardant Polypropylene

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

### Material Notes:

PP copolymer Flame retardant class V2, halogen free, good 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-1040-V2-K-Flame-Retardant-Polypropylene.php](http://www.lookpolymers.com/polymer_Cossa-Polimeri-ESTAPROP-1040-V2-K-Flame-Retardant-Polypropylene.php)

Physical Properties	Metric	English	Comments
Density	0.990 g/cc	0.0358 lb/in <sup>3</sup>	ASTM D 792
Linear Mold Shrinkage	0.012 - 0.014 cm/cm	0.012 - 0.014 in/in	ASTM D 955
Melt Flow	10 g/10 min	10 g/10 min	ASTM D 1238
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	25.0 MPa	3630 psi	ASTM D 638
Elongation at Break	50 %	50 %	ASTM D 638
Flexural Modulus	1.90 GPa	276 ksi	ASTM D 790
Izod Impact, Notched	0.250 J/cm	0.468 ft-lb/in	ASTM D 638
	@Temperature 0.000 °C	@Temperature 32.0 °F	
	0.450 J/cm	0.843 ft-lb/in	ASTM D 256
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	57.0 °C	135 °F	120°C/hr; ASTM D 648
Vicat Softening Point	150 °C	302 °F	50°C/hr; ASTM D 1525
	@Load 0.999 kg	@Load 2.20 lb	
Flammability, UL94	V-2	V-2	
	@Thickness 1.60 mm	@Thickness 0.0630 in	
	V-2	V-2	
	@Thickness 3.20 mm	@Thickness 0.126 in	
Glow Wire Test	960 °C	1760 °F	I.E.C. 695-2-1
	@Thickness 2.00 mm	@Thickness 0.0787 in	

Thermal Properties

Metric

English

Comments

## Contact Songhan Plastic Technology Co.,Ltd.

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