

Cossa Polimeri ESTAPROP 1000 V2 H Flame Retardant Polypropylene

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

Material Notes:

PP homopolymer Flame retardant class V2, PBDE free, excellent processability Information provided by Cossa Polimeri S.r.l.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cossa-Polimeri-ESTAPROP-1000-V2-H-Flame-Retardant-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	0.930 g/cc	0.0336 lb/in ³	ASTM D 792
Linear Mold Shrinkage	0.015 - 0.018 cm/cm	0.015 - 0.018 in/in	ASTM D 955
Melt Flow	12 g/10 min	12 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	20.0 MPa	2900 psi	ASTM D 638
Elongation at Break	50 %	50 %	ASTM D 638
Flexural Modulus	1.40 GPa	203 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	
	0.350 J/cm	0.656 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)	55.0 °C	131 °F	120°C/hr; ASTM D 648
Vicat Softening Point	151 °C	304 °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.

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