

Cossa Polimeri ESTABLEND 7500 V0 HF Flame Retardant PC - ABS

Category : Polymer , Thermoplastic , ABS Polymer , Polycarbonate/ABS Alloy, Unreinforced , Polycarbonate (PC)

Material Notes:

PC - ABS Blend Flame retardant class V0, chlorine and bromine free, good light resistance, good thermal and mechanical properties, excellent processability. Information provided by Cossa Polimeri S.r.l.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cossa-Polimeri-ESTABLEND-7500-V0-HF-Flame-Retardant-PC-ABS.php

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in ³	ASTM D 792
Linear Mold Shrinkage	0.0050 - 0.0070 cm/cm	0.0050 - 0.0070 in/in	ASTM D 955
Melt Flow	25 g/10 min @Load 5.00 kg, Temperature 240 °C	25 g/10 min @Load 11.0 lb, Temperature 464 °F	ASTM D 1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	54.0 MPa	7830 psi	ASTM D 638
Tensile Strength, Yield	60.0 MPa	8700 psi	ASTM D 638
Elongation at Break	40 %	40 %	ASTM D 638
Flexural Modulus	2.50 GPa	363 ksi	ASTM D 790
Izod Impact, Notched	5.50 J/cm @Temperature 0.000 °C	10.3 ft-lb/in @Temperature 32.0 °F	ASTM D 638
	6.00 J/cm @Temperature 23.0 °C	11.2 ft-lb/in @Temperature 73.4 °F	ASTM D 256

Thermal Properties	Metric	English	Comments
Hot Ball Pressure Test	105 °C	221 °F	I.E.C. 335-1
Vicat Softening Point	110 °C @Load 5.00 kg	230 °F @Load 11.0 lb	50°C/hr; ASTM D 1525
	116 °C @Load 0.999 kg	241 °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	

Thermal Properties	^{V-0} Metric	^{V-0} English	Comments
	@Thickness 3.20 mm	@Thickness 0.126 in	
Glow Wire Test	960 °C	1760 °F	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