

## Cossa Polimeri ESTABLEND 4500 T V0 Flame Retardant PC - ABS

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

### Material Notes:

PC - ABS Blend Flame retardant class V0, PBDE free, with halogens, high impact resistance, high thermal resistance, good processability. Information provided by Cossa Polimeri S.r.l.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Cossa-Polimeri-ESTABLEND-4500-T-V0-Flame-Retardant-PC-ABS.php](http://www.lookpolymers.com/polymer_Cossa-Polimeri-ESTABLEND-4500-T-V0-Flame-Retardant-PC-ABS.php)

Physical Properties	Metric	English	Comments
Density	1.23 g/cc	0.0444 lb/in <sup>3</sup>	ASTM D 792
Linear Mold Shrinkage	0.0050 - 0.0070 cm/cm	0.0050 - 0.0070 in/in	ASTM D 955
Melt Flow	20 g/10 min @Load 5.00 kg, Temperature 260 °C	20 g/10 min @Load 11.0 lb, Temperature 500 °F	ASTM D 1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	40.0 MPa	5800 psi	ASTM D 638
Tensile Strength, Yield	49.0 MPa	7110 psi	ASTM D 638
Elongation at Break	80 %	80 %	ASTM D 638
Flexural Modulus	2.30 GPa	334 ksi	ASTM D 790
Izod Impact, Notched	4.50 J/cm @Temperature 0.000 °C	8.43 ft-lb/in @Temperature 32.0 °F	ASTM D 638
	5.00 J/cm @Temperature 23.0 °C	9.37 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	125 °C @Load 5.00 kg	257 °F @Load 11.0 lb	50°C/hr; ASTM D 1525
	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	

Thermal Properties	Metric	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](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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