

Cossa Polimeri ESTABLEND PSA 8500 V0 HF Flame Retardant PC / ASA Blend

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

Material Notes:

Polycarbonate and acrylonitrile styrene acrylate blend Flame retardant class V0, chlorine and bromine free, excellent light resistance, high impact resistance, 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-PSA-8500-V0-HF-Flame-Retardant-PC-ASA-Blend.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	55.0 MPa	7980 psi	ASTM D 638
Tensile Strength, Yield	65.0 MPa	9430 psi	ASTM D 638
Elongation at Break	>= 50 %	>= 50 %	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 256
	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	115 °C @Load 5.00 kg	239 °F @Load 11.0 lb	120°C/hr; ASTM D 1525
	120 °C @Load 0.999 kg	248 °F @Load 2.20 lb	120°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. 695-2-12

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