

Cossa Polimeri ESTABLEND 4500 Polycarbonate ABS Blend

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

Material Notes:

Polycarbonate and Acrylonitrile Butadiene Styrene blend Good impact resistance at low temperature, high gloss Information provided by Cossa Polimeri S.r.l.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cossa-Polimeri-ESTABLEND-4500-Polycarbonate-ABS-Blend.php

Physical Properties	Metric	English	Comments
Density	1.11 g/cc	0.0401 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	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	42.0 MPa	6090 psi	ASTM D 638
Tensile Strength, Yield	54.0 MPa	7830 psi	ASTM D 638
Elongation at Break	40 %	40 %	ASTM D 638
Flexural Modulus	2.20 GPa	319 ksi	ASTM D 790
Izod Impact, Notched	4.20 J/cm @Temperature 0.000 °C	7.87 ft-lb/in @Temperature 32.0 °F	ASTM D 638
	4.80 J/cm @Temperature 23.0 °C	8.99 ft-lb/in @Temperature 73.4 °F	ASTM D 256

Thermal Properties	Metric	English	Comments
Vicat Softening Point	113 °C @Load 5.00 kg	235 °F @Load 11.0 lb	50°C/hr; ASTM D 1525
	125 °C @Load 0.999 kg	257 °F @Load 2.20 lb	50°C/hr; ASTM D 1525
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	
	HB	HB	

Thermal Properties	@Thickness 3.20 mm Metric	@Thickness 0.126 in English	Comments
Glow Wire Test	750 °C	1380 °F	I.E.C. 695-2-1
	@Thickness 2.00 mm	@Thickness 0.0787 in	

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