

Cossa Polimeri ESTABLEND PSA 6600 PC / ASA Blend

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

Material Notes:

Polycarbonate and acrylonitrile styrene acrylate blend Good light resistance, good impact resistance, high heat 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-6600-PC-ASA-Blend.php

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 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 260 °C	25 g/10 min @Load 11.0 lb, Temperature 500 °F	ASTM D 1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	45.0 MPa	6530 psi	ASTM D 638
Tensile Strength, Yield	58.0 MPa	8410 psi	ASTM D 638
Elongation at Break	>= 50 %	>= 50 %	ASTM D 638
Flexural Modulus	2.40 GPa	348 ksi	ASTM D 790
Izod Impact, Notched	5.50 J/cm @Temperature 23.0 °C	10.3 ft-lb/in @Temperature 73.4 °F	ASTM D 256

Thermal Properties	Metric	English	Comments
Vicat Softening Point	123 °C	253 °F	120°C/hr; ASTM D 1525
	@Load 5.00 kg	@Load 11.0 lb	
	135 °C	275 °F	120°C/hr; ASTM D 1525
	@Load 0.999 kg	@Load 2.20 lb	
Flammability, UL94	HB	HB	
	@Thickness 1.60 mm	@Thickness 0.0630 in	
	HB	HB	
	@Thickness 3.20 mm	@Thickness 0.126 in	
Glow Wire Test	750 °C	1380 °F	I.E.C. 695-2-12

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