

Cossa Polimeri ESTADIENE 0815 HHT Acrylonitrile Butadiene Styrene

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Heat Resistant, Molded

Material Notes:

ABS with very high heat resistance Good melt flow rate, good impact resistance, excellent surface appearance, good processability Information provided by Cossa Polimeri S.r.l.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cossa-Polimeri-ESTADIENE-0815-HHT-Acrylonitrile-Butadiene-Styrene.php

Physical Properties	Metric	English	Comments
Density	1.06 g/cc	0.0383 lb/in ³	ASTM D 792
Linear Mold Shrinkage	0.0040 - 0.0070 cm/cm	0.0040 - 0.0070 in/in	ASTM D 955
Melt Flow	5.0 g/10 min @Load 10.0 kg, Temperature 220 °C	5.0 g/10 min @Load 22.0 lb, Temperature 428 °F	ASTM D 1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	40.0 MPa	5800 psi	ASTM D 638
Tensile Strength, Yield	48.0 MPa	6960 psi	ASTM D 638
Elongation at Break	15 %	15 %	ASTM D 638
Flexural Modulus	2.65 GPa	384 ksi	ASTM D 790
Izod Impact, Notched	1.00 J/cm @Temperature 0.000 °C	1.87 ft-lb/in @Temperature 32.0 °F	ASTM D 638
	1.30 J/cm @Temperature 23.0 °C	2.44 ft-lb/in @Temperature 73.4 °F	ASTM D 256

Thermal Properties	Metric	English	Comments
Vicat Softening Point	121 °C @Load 5.00 kg	250 °F @Load 11.0 lb	50°C/hr; ASTM D 1525
	130 °C @Load 0.999 kg	266 °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	650 °C	1200 °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