

Cossa Polimeri ESTADIENE 2525 AS Acrylonitrile Butadiene Styrene

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Impact Grade, Molded

Material Notes:

ABS with high impact resistance Good melt flow rate, with antistatic, excellent processability Information provided by Cossa Polimeri S.r.l.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cossa-Polimeri-ESTADIENE-2525-AS-Acrylonitrile-Butadiene-Styrene.php

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 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	25 g/10 min	25 g/10 min	ASTM D 1238
	@Load 10.0 kg, Temperature 220 °C	@Load 22.0 lb, Temperature 428 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	31.0 MPa	4500 psi	ASTM D 638
Tensile Strength, Yield	37.0 MPa	5370 psi	ASTM D 638
Elongation at Break	20 %	20 %	ASTM D 638
Flexural Modulus	2.50 GPa	363 ksi	ASTM D 790
Izod Impact, Notched	2.00 J/cm	3.75 ft-lb/in	ASTM D 638
	@Temperature 0.000 °C	@Temperature 32.0 °F	
	2.50 J/cm	4.68 ft-lb/in	ASTM D 256
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Vicat Softening Point	93.0 °C	199 °F	50°C/hr; ASTM D 1525
	@Load 5.00 kg	@Load 11.0 lb	
	101 °C	214 °F	50°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	

Thermal Properties	Metric	English	Comments
Glow Wire Test	@Thickness 2.00 mm	@Thickness 0.0787 in	I.E.C. 695-2-1

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