

## Cossa Polimeri ESTADIENE 3015 MT Acrylonitrile Butadiene Styrene

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

### Material Notes:

ABS Medium thermal resistance, high impact resistance at low temperature, good melt flow rate, high gloss, 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-3015-MT-Acrylonitrile-Butadiene-Styrene.php](http://www.lookpolymers.com/polymer_Cossa-Polimeri-ESTADIENE-3015-MT-Acrylonitrile-Butadiene-Styrene.php)

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in <sup>3</sup>	ASTM D 792
Linear Mold Shrinkage	0.0040 - 0.0070 cm/cm	0.0040 - 0.0070 in/in	ASTM D 955
Melt Flow	15 g/10 min @Load 10.0 kg, Temperature 220 °C	15 g/10 min @Load 22.0 lb, Temperature 428 °F	ASTM D 1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	32.0 MPa	4640 psi	ASTM D 638
Tensile Strength, Yield	42.0 MPa	6090 psi	ASTM D 638
Elongation at Break	15 %	15 %	ASTM D 638
Flexural Modulus	2.15 GPa	312 ksi	ASTM D 790
Izod Impact, Notched	3.00 J/cm @Temperature 0.000 °C	5.62 ft-lb/in @Temperature 32.0 °F	ASTM D 638
	3.50 J/cm @Temperature 23.0 °C	6.56 ft-lb/in @Temperature 73.4 °F	ASTM D 256

Thermal Properties	Metric	English	Comments
Vicat Softening Point	102 °C @Load 5.00 kg	216 °F @Load 11.0 lb	50°C/hr; ASTM D 1525
	110 °C @Load 0.999 kg	230 °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.

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