

## Cossa Polimeri ESTADIENE 3008 MT Acrylonitrile Butadiene Styrene

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

### Material Notes:

ABS with very high impact resistance High impact resistance at low temperature, medium heat resistance, 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-3008-MT-Acrylonitrile-Butadiene-Styrene.php](http://www.lookpolymers.com/polymer_Cossa-Polimeri-ESTADIENE-3008-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	8.0 g/10 min @Load 10.0 kg, Temperature 220 °C	8.0 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	40.0 MPa	5800 psi	ASTM D 638
Elongation at Break	25 %	25 %	ASTM D 638
Flexural Modulus	2.20 GPa	319 ksi	ASTM D 790
Izod Impact, Notched	3.50 J/cm @Temperature 0.000 °C	6.56 ft-lb/in @Temperature 32.0 °F	ASTM D 638
	4.00 J/cm @Temperature 23.0 °C	7.49 ft-lb/in @Temperature 73.4 °F	ASTM D 256

Thermal Properties	Metric	English	Comments
Vicat Softening Point	100 °C @Load 5.00 kg	212 °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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