

## Cossa Polimeri ESTADIENE 1030 T V0 Flame Retardant ABS

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Unreinforced, Flame Retardant

### Material Notes:

Acrylonitrile Butadiene Styrene Flame retardant class V0, PBDE free, high thermal resistance, good impact resistance, high gloss, good light 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-1030-T-V0-Flame-Retardant-ABS.php](http://www.lookpolymers.com/polymer_Cossa-Polimeri-ESTADIENE-1030-T-V0-Flame-Retardant-ABS.php)

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in <sup>3</sup>	ASTM D 792
Linear Mold Shrinkage	0.0030 - 0.0060 cm/cm	0.0030 - 0.0060 in/in	ASTM D 955
Melt Flow	10 g/10 min @Load 10.0 kg, Temperature 220 °C	10 g/10 min @Load 22.0 lb, Temperature 428 °F	ASTM D 1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	27.0 MPa	3920 psi	ASTM D 638
Tensile Strength, Yield	48.0 MPa	6960 psi	ASTM D 638
Elongation at Break	5.0 %	5.0 %	ASTM D 638
Flexural Modulus	2.40 GPa	348 ksi	ASTM D 790
Izod Impact, Notched	0.800 J/cm @Temperature 0.000 °C	1.50 ft-lb/in @Temperature 32.0 °F	ASTM D 638
	1.00 J/cm @Temperature 23.0 °C	1.87 ft-lb/in @Temperature 73.4 °F	ASTM D 256

Thermal Properties	Metric	English	Comments
Vicat Softening Point	106 °C @Load 5.00 kg	223 °F @Load 11.0 lb	50°C/hr; ASTM D 1525
	115 °C @Load 0.999 kg	239 °F @Load 2.20 lb	50°C/hr; ASTM D 1525
Flammability, UL94	V-0 @Thickness 1.60 mm	V-0 @Thickness 0.0630 in	
	V-0	V-0	

Thermal Properties	@Thickness 3.20 mm Metric	@Thickness 0.126 in English	Comments
Glow Wire Test	960 °C	1760 °F	I.E.C. 695-2-1

## Contact Songhan Plastic Technology Co.,Ltd.

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