

Cossa Polimeri ESTASAN SAN 3000 Styrene Acrylonitrile

Category : Polymer , Thermoplastic , SAN Polymer , Styrene Acrylonitrile (SAN), Molded

Material Notes:

High melt flow rate, good chemical resistance, excellent dimensional stability Information provided by Cossa Polimeri S.r.l.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cossa-Polimeri-ESTASAN-SAN-3000-Styrene-Acrylonitrile.php

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in ³	ASTM D 792
Linear Mold Shrinkage	0.0040 - 0.0060 cm/cm	0.0040 - 0.0060 in/in	ASTM D 955
Melt Flow	40 g/10 min @Load 10.0 kg, Temperature 220 °C	40 g/10 min @Load 22.0 lb, Temperature 428 °F	ASTM D 1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	70.0 MPa	10200 psi	ASTM D 638
Elongation at Break	2.5 %	2.5 %	ASTM D 638
Flexural Modulus	3.70 GPa	537 ksi	ASTM D 790
Izod Impact, Notched	0.150 J/cm @Temperature 23.0 °C	0.281 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
	108 °C @Load 0.999 kg	226 °F @Load 2.20 lb	
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	
	HB @Thickness 3.20 mm	HB @Thickness 0.126 in	

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