

Cossa Polimeri ESTASAN SAN 0840 GF Styrene Acrylonitrile

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

Material Notes:

SAN with 20% glass fiber reinforcementExcellent dimensional stability, good heat resistanceInformation provided by Cossa Polimeri S.r.l.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cossa-Polimeri-ESTASAN-SAN-0840-GF-Styrene-Acrylonitrile.php

Physical Properties	Metric	English	Comments
Density	1.21 g/cc	0.0437 lb/in ³	ASTM D 792
Linear Mold Shrinkage	0.0020 - 0.0040 cm/cm	0.0020 - 0.0040 in/in	ASTM D 955
Melt Flow	12 g/10 min @Load 10.0 kg, Temperature 220 °C	12 g/10 min @Load 22.0 lb, Temperature 428 °F	ASTM D 1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	82.0 MPa	11900 psi	ASTM D 638
Elongation at Break	1.4 %	1.4 %	ASTM D 638
Flexural Modulus	7.40 GPa	1070 ksi	ASTM D 790
Izod Impact, Notched	0.250 J/cm @Temperature 0.000 °C	0.468 ft-lb/in @Temperature 32.0 °F	ASTM D 638
	0.300 J/cm @Temperature 23.0 °C	0.562 ft-lb/in @Temperature 73.4 °F	ASTM D 256

Thermal Properties	Metric	English	Comments
Vicat Softening Point	103 °C @Load 5.00 kg	217 °F @Load 11.0 lb	50°C/hr; ASTM D 1525
	107 °C @Load 0.999 kg	225 °F @Load 2.20 lb	50°C/hr; ASTM D 1525
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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