

Cossa Polimeri ESTABLEND PA 1030 GF HI ABS / Nylon 6 Blend, 15% Glass Filled

Category : Polymer , Thermoplastic , ABS Polymer , Nylon , Nylon 6

Material Notes:

ESTABLEND PA is a blend of acrylonitrile butadiene styrene and polyamide 6. 15% glass fiber reinforced. High impact strength, high chemical resistance, excellent heat resistance, high dimensional stability, low shrinkage. Information provided by Cossa Polimeri S.r.l.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cossa-Polimeri-ESTABLEND-PA-1030-GF-HI-ABS-Nylon-6-Blend-15-Glass-Filled.php

Physical Properties	Metric	English	Comments
Density	1.15 g/cc	0.0415 lb/in ³	ISO 1183
Linear Mold Shrinkage	0.0030 - 0.0060 cm/cm	0.0030 - 0.0060 in/in	ISO 2577
Melt Flow	10 g/10 min @Load 10.0 kg, Temperature 240 °C	10 g/10 min @Load 22.0 lb, Temperature 464 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	57.0 MPa	8270 psi	ISO 527
Elongation at Break	2.5 %	2.5 %	ISO 527
Tensile Modulus	4.20 GPa	609 ksi	ISO 527
Flexural Modulus	3.10 GPa	450 ksi	ISO 178
Izod Impact, Notched	0.100 J/cm @Temperature 23.0 °C	0.187 ft-lb/in @Temperature 73.4 °F	ISO 180/A

Thermal Properties	Metric	English	Comments
Vicat Softening Point	111 °C @Load 5.00 kg	232 °F @Load 11.0 lb	50°C/hr; ISO 306
	188 °C @Load 0.999 kg	370 °F @Load 2.20 lb	50°C/hr; ISO 306
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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